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Ref



United States  
Department of  
Agriculture

Marketing and  
Regulatory  
Programs

Animal and  
Plant Health  
Inspection  
Service

Veterinary Services

# Veterinary Biological Products

Licensees and Permittees

June 2004

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ANIMAL HEALTH  
DIVISION

SEP 14 2004



## INTRODUCTION

This semiannual publication lists all licensed establishments, licensees, and permittees, with their subsidiaries and divisions, as well as the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment license number.

The listing of licensed establishments by number identifies each licensee, permittee, subsidiary, and division authorized to do business in the establishment.

The index of product components lists by page number where each antigenic fraction appears. The fraction reference may appear in more than one section; for example, canine distemper appears in vaccines, antiserums, and vaccines with bacterin-toxoids, and diagnostics.

Under the alphabetical listing of licensed biological products, the principal parts of the true name are underlined, and each product is assigned a code number by Policy, Evaluation, and Licensing. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The alphameric system used for product codes provides for a six-digit number of number-letter combination to be assigned to each product, i.e., the first digit denotes product types; second and third, group by agents; fourth, the viability of vaccine, (live, killed, modified live, etc.); fifth, substrates; and sixth, miscellaneous variables.

Included in this issue is a section designated "Products for Further Manufacture." These products represent one or more biological fractions brought to a prescribed stage of production requiring further processing before becoming a completed or finished product.

True names for these products describe only the product licensed, such as virus, killed culture, purified antibody, etc. Current product nomenclature such as vaccine, bacterin, etc., will be used only for completed product.

Errors in this document or suggestions for improvement should be brought to the attention of:

USDA, APHIS, VS  
Center for Veterinary Biologics  
Policy, Evaluation, and Licensing  
510 South 17th Street, Suite 104  
Ames, IA 50010

For on-line information, the Internet address is [www.aphis.usda.gov/vs/cvb](http://www.aphis.usda.gov/vs/cvb). This site provides access to Policy, Evaluation, and Licensing program information.



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## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
A. M. BIOTECHNIQUES, INC.	286
ABBOTT LABORATORIES	460
ABBOTT LABORATORIES (PERMITTEE)	460A    460B
ADDISON BIOLOGICAL LABORATORY, INC.	355
AFFINITECH, LTD	450
AGEN INC.	338
ALK LABORATORIES	416
ALK-ABELLO, INC.	259
ALLIED BIOLOGICS COMPANY, INC.	290
ALPHARMA NW INC (PERMITTEE)	285A
ALPHARMA NW INC.	285
AMERICAN ANIMAL HEALTH INC.	315
AMERICAN EMBRYO SYSTEMS	315
AMERICAN SCIENTIFIC LABORATORIES, INC.	226
AMERICAN SWINE PRODUCTS	315
AMERICAN VETERINARY REFERENCE LABORATORY	347
AMERICANA LABORATORIES, INC.	188
ANCHOR DIVISION	124
ANIMAL HEALTH DIVISION	52B
ARKO LABORATORIES LTD.	337
AVENTIS PASTEUR INC.	287
BAYER HEALTHCARE LLC (PERMITTEE)	52B
BINAX, INC.	330
BIO-CEUTIC DIVISION	124
BIO-RAD LABORATORIES (PERMITTEE)	624
BIOCOR ANIMAL HEALTH INC.	462
BIOCOR ANIMAL HEALTH INC. (PERMITTEE)	462A

## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
BIODESIGN INTERNATIONAL	320
BIOMUNE CO.	368
BIONICHE ANIMAL HEALTH USA, INC.	289      289B
BIOPORT CORPORATION	308
BIOQUAL INCORPORATED	411
BIOVET INC.	337
BOEHRINGER INGELHEIM/VETMEDICA, INC.	124
BRINTON LABORATORIES INC.	343
BRITON LABORATORIES, INC.	455
CARRINGTON LABORATORIES, INC.	384
CENTRAL BIOMEDIA, INC.	328
CHARLES RIVER LABORATORIES, INC.	344      344A
COLORADO SERUM COMPANY	188
COLOSTRUM TECHNOLOGIES, INC.	363
CONTINENTAL PHARMACAL COMPANY	188
CUPREM, INC.	363
CUSTOM DRIED FOODS	400
DAIRY HEALTH LABORATORIES	357
DELMONT LABORATORIES, INC.	339
DENVER COLORADO LABORATORIES, INC.	188
DIAGNOSTIC CHEMICALS LTD (PERMITTEE)	610
DIAGXOTICS, INC.	386
DIAMOND ANIMAL HEALTH	213
EMPIRE VETERINARY COMPANY	188
EPITOPIX, LLC	365
EUDAEMONIC CORPORATION	385
FONTERRA (USA) INC. (PERMITTEE)	341

## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
FORT DODGE ANIMAL HEALTH	112
FORT DODGE LABORATORIES, INC.	112
GLATT AIR TECHNIQUES, INC.	406
GREENBRIAR VETERINARY SERVICES, INC	297
GREER LABORATORIES, INC.	294
GULL LABORATORIES, INC.	382
HESKA CORPORATION	213
HYGIEIA BIOLOGICAL LABORATORIES	407
IDETEK INCORPORATED	325
IDEXX LABORATORIES, INC.	313
IMMUCELL CORPORATION	327
IMMUNO-DYNAMICS, INC.	379
IMMUNOMED CORPORATION	421
IMMUNOVET INC.	302
IMMVAC, INC.	345
IMU-TEK ANIMAL HEALTH INC.	395
INTERNATIONAL DUCK RESEARCH COOP., INC.	268
INTERNATIONAL IMMUNOLOGY CORP.	361
INTERNATIONAL, INC.	188
INTERVET INC. (PERMITTEE)	286A
INTERVET, INC.	286
JERRY ZINN (PERMITTEE)	335
KADEL VACCINE COMPANY	323
KESTREL, INC.	415
LA BELLE ASSOCIATES, INC.	396
LAKE IMMUNOGENICS, INC.	318
LASHER ASSOCIATES, INC. (PERMITTEE)	305

## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
LMD AGRO-VET LLC	430
LOHMANN ANIMAL HEALTH INTERNATIONAL	196
MEDICAL PACKAGING, INC.	607
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3
MERCK SHARP & DOHME INTERNATIONAL	3
MERIAL SELECT, INC.	279
MERIAL, INC	279
MERIAL, INC.	298
MERIDIAN BIOSCIENCE, INC.	320
METROPOLITAN MEDICAL COMPANY	188
MG BIOLOGICS, INC.	614
MICROBIOLOGICAL ASSOCIATES INC.	299
MVP LABORATORIES, INC.	301
NATUR'S WAY COMPANY	404      404A
NELCO LABORATORIES INC.	359
NEOGEN CORPORATION	302
NEOTECH, LLC	472
NEWPORT LABORATORIES, INC.	455
NOVARTIS ANIMAL HEALTH US, INC.	303
OREGON FREEZE DRY	409
PANBIO INDX, INC.	477
PET HEALTH, INCORPORATED	312
PFIZER ANIMAL HEALTH	189
PFIZER INC.	189
PFIZER, INC. (PERMITTEE)	189A
PHL ASSOCIATES, INC. DBA	357

## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
POULTRY HEALTH LABORATORIES	357
PP MANUFACTURING CORPORATION	317
PRION DEVELOPMENTAL LABORATORIES	632
PROCOR TECHNOLOGIES	370
PROFESSIONAL BIOLOGICAL COMPANY	188
PROTATEK INTERNATIONAL INC.	329
QUAD FIVE	366
QUIDEL CORPORATION	445
RESEARCH BIOGENICS INC.	346
ROCHE DIAGNOSTICS (PERMITTEE)	626A
SA SCIENTIFIC, INC	373
SAFEPATH LABORATORIES	430
SCHERING-PLOUGH ANIMAL HEALTH CORP.	107      165A    226    311
SCIENTIFIC LABORATORIES, INC.	188
SERA, INC.	328
SOLIDTECH ANIMAL HEALTH, INC.	604
SPECTRUM LABS, INC.	403
STRATEGIC BIOSOLUTIONS	398
STRATEGIC DIAGNOSTICS, INC.	398
SWINE HEALTH LABORATORIES	357
SYNBiotICS CORPORATION	312      312A
SYNBiotICS CORPORATION (PERMITTEE)	312C
SYRACUSE BIOANALYTICAL, INC.	354
TEXAS AGRICULTURAL EXPERIMENT STATION	393
TEXAS VET LAB INC	290
TEXSON LABORATORIES	315
THE SIRIS GROUP, LLC	621

## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
UNITED BIOMEDICAL, INC.	620
UNITED VACCINES, INC.	245
UNIVERSAL LABORATORIES, INC.	188
VACCICEL, INC.	292
VETAZYME CORPORATION	321
VETBIO, INC.	290
VETECH LABS OF BUFFALO, INC. (PERMITTEE)	374
VETERINARY ALLERGY REFERENCE LABORATORY	622
VETERINARY DIAGNOSTIC TECHNOLOGY, INC.	336
VETERINARY DYNAMICS, INC.	360
VIRAL ANTIGENS, INC.	320
VIRIDUS ANIMAL HEALTH, LLC	605
VMRD, INC.	332
WALCO INTERNATIONAL INC.	364
WYETH	112      112E

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

MERCK & COMPANY, INC.	3
DIVISIONS: MERCK CHEMICAL DIVISION MERCK SHARP & DOHME INTERNATIONAL	
MAIL: MERCK SHARP & DOHME DIVISION OF MERCK & CO., INC. WEST POINT, PA 19486	
BAYER HEALTHCARE LLC (PERMITTEE)	52B
DIVISIONS: ANIMAL HEALTH DIVISION	
MAIL: BAYER HEALTHCARE LLC ANIMAL HEALTH DIVISION P.O. BOX 390 SHAWNEE MISSION, KS 66201	
SCHERING-PLOUGH ANIMAL HEALTH CORP.	107
MAIL: SCHERING-PLOUGH ANIMAL HEATH 909 EAST ORCHARD STREET MUNDELEIN, IL 60060	
WYETH	112
SUBSIDIARIES: FORT DODGE LABORATORIES, INC.	
DIVISIONS: FORT DODGE ANIMAL HEALTH	
MAIL: FORT DODGE LABORATORIES, INC. 800 5TH STREET NW P.O. BOX 518 FORT DODGE, IA 50501	
WYETH	112E
MAIL: FORT DODGE LABORATORIES, INC. 800 5TH STREET N.W. P.O. BOX 518 FORT DODGE, IA 50501 (PERMITTEE)	
BOEHRINGER INGELHEIM/VETMEDICA, INC.	124
DIVISIONS: BIO-CEUTIC DIVISION ANCHOR DIVISION	
MAIL: BOEHRINGER INGELHEIM VETMEDICA 2621 NORTH BELT HIGHWAY ST. JOSEPH, MO 64506-2002	
SCHERING-PLOUGH ANIMAL HEALTH CORP.	165A
MAIL: SCHERING-PLOUGH ANIMAL HEALTH CORPORATION P.O. BOX 3113 OMAHA, NE 68103	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

COLORADO SERUM COMPANY	188
SUBSIDIARIES: AMERICANA LABORATORIES, INC.	
CONTINENTAL PHARMACAL COMPANY	
DENVER COLORADO LABORATORIES, INC.	
EMPIRE VETERINARY COMPANY	
INTERNATIONAL, INC.	
METROPOLITAN MEDICAL COMPANY	
PROFESSIONAL BIOLOGICAL COMPANY	
SCIENTIFIC LABORATORIES, INC.	
UNIVERSAL LABORATORIES, INC.	
MAIL: COLORADO SERUM COMPANY	
4950 YORK STREET	
DENVER, CO 80216	
PFIZER INC.	189
DIVISIONS: PFIZER ANIMAL HEALTH	
MAIL: PFIZER ANIMAL HEALTH	
601 WEST CORNHUSKER HIGHWAY	
LINCOLN, NE 68521	
PFIZER, INC. (PERMITTEE)	189A
MAIL: PFIZER, INC.	
601 WEST CORNHUSKER HIGHWAY	
LINCOLN, NE 68521	
LOHMANN ANIMAL HEALTH INTERNATIONAL	196
MAIL: LOHMANN ANIMAL HEALTH INTL.	
2285 EAST LANDIS AVENUE	
VINELAND, NJ 08361	
HESKA CORPORATION	213
SUBSIDIARIES: DIAMOND ANIMAL HEALTH	
MAIL: DIAMOND ANIMAL HEALTH, INC.	
2538 SE 43RD STREET	
DES MOINES, IA 50327	
SCHERING-PLOUGH ANIMAL HEALTH CORP.	226
SUBSIDIARIES: AMERICAN SCIENTIFIC LABORATORIES, INC.	
MAIL: SCHERING-PLOUGH ANIMAL HEALTH	
ROUTE 113, P.O. BOX 537	
MILLSBORO, DE 19966	
UNITED VACCINES, INC.	245
MAIL: UNITED VACCINES, INC.	
2826 LATHAM DRIVE	
MADISON, WI 53713	
ALK-ABELLO, INC.	259
MAIL: ALK-ABELLO, INC.	
1700 ROYSTON LANE	
ROUND ROCK, TX 78664	

## NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
INTERNATIONAL DUCK RESEARCH COOP., INC. MAIL: INTERNATIONAL DUCK RESEARCH COOP P.O. BOX 217 EASTPORT, NY 11941	268
MERIAL, INC SUBSIDIARIES: MERIAL SELECT, INC. MAIL: MERIAL SELECT LABORATORIES PO BOX 2497 GAINESVILLE, GA 30503	279
ALPHARMA NW INC. MAIL: ALPHARMA NW INC. 1720 130TH AVENUE NORTH EAST BELLEVUE, WA 98005-2203	285
ALPHARMA NW INC (PERMITTEE) MAIL: ALPHARMA NW INC 1720 130TH AVENUE NE BELLEVUE, WA 98005	285A
INTERVET, INC. DIVISIONS: A. M. BIOTECHNIQUES, INC. MAIL: INTERVET, INC. P.O. BOX 318 29160 INTERVET LANE MILLSBORO, DE 19966	286
INTERVET INC. (PERMITTEE) MAIL: INTERVET INC. P.O. BOX 318 405 STATE STREET MILLSBORO, DE 19966	286A
AVENTIS PASTEUR INC. MAIL: AVENTIS PASTEUR INC. DISCOVERY DRIVE SWIFTWATER, PA 18370	287
BIONICHE ANIMAL HEALTH USA, INC. MAIL: BIONICHE ANIMAL HEALTH USA, INC. 119 ROWE ROAD ATHENS, GA 30601	289
BIONICHE ANIMAL HEALTH USA, INC. MAIL: BIONICHE ANIMAL HEALTH USA, INC. 119 ROWE ROAD ATHENS, GA 30601 (PERMITTEE)	289B

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

TEXAS VET LAB INC	290
SUBSIDIARIES: ALLIED BIOLOGICS COMPANY, INC. VETBIO, INC.	
MAIL: TEXAS VET LAB INC 1702 NORTH BELL STREET SAN ANGELO, TX 76903	
VACCICEL, INC.	292
MAIL: VACCICEL, INC. 101 GREENBRIAR STREET P. O. BOX 847 BELTON, TX 76513	
GREER LABORATORIES, INC.	294
MAIL: GREER LABORATORIES, INC. P.O. BOX 800 LENOIR, NC 28645-0800	
GREENBRIAR VETERINARY SERVICES, INC	297
MAIL: G.V.S. INC 6040 DUBLIN ROAD DELAWARE, OH 43015	
MERIAL, INC.	298
MAIL: MERIAL, INC. 115 TRANSTECH DRIVE ATHENS, GA 30601	
MICROBIOLOGICAL ASSOCIATES INC.	299
MAIL: MICROBIOLOGICAL ASSOCIATES INC. 5221 RIVER ROAD BETHESDA, MD 20816	
MVP LABORATORIES, INC.	301
MAIL: MVP LABORATORIES, INC. 5404 MILLER AVE. RALSTON, NE 68127	
NEOGEN CORPORATION	302
DIVISIONS: IMMUNOVET INC.	
MAIL: NEOGEN CORPORTATION 5910-G BRECKENRIDGE PARKWAY TAMPA, FL 33610	
NOVARTIS ANIMAL HEALTH US, INC.	303
MAIL: NOVARTIS ANIMAL HEALTH US, INC. 1447 140TH STREET LARCHWOOD, IA 51241-9778	
LASHER ASSOCIATES, INC. (PERMITTEE)	305
MAIL: LASHER ASSOCIATES, INC. P.O. BOX 345 MILLSBORO, DE 19966	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

BIOPORT CORPORATION	308
MAIL: BIOPORT CORPORATION 3500 N. MARTIN LUTHER KING JR LANSING, MI 48906	
SCHERING-PLOUGH ANIMAL HEALTH CORP.	311
MAIL: SCHERING-PLOUGH ANIMAL HEALTH P.O. BOX 3113 OMAHA, NE 68103 (PERMITTEE)	
SYNBIOTICS CORPORATION	312
DIVISIONS: PET HEALTH, INCORPORATED MAIL: SYNBIOTICS CORPORATION 16420 VIA ESPRILLO SAN DIEGO, CA 92127	
SYNBIOTICS CORPORATION	312A
MAIL: SYNBIOTICS CORPORATION 16420 VIA ESPRILLO SAN DIEGO, CA 92127 (PERMITTEE)	
SYNBIOTICS CORPORATION (PERMITTEE)	312C
MAIL: SYNBIOTICS CORPORATION 16420 VIA ESPRILLO SAN DIEGO, CA 92127	
IDEXX LABORATORIES, INC.	313
MAIL: IDEXX LABORATORIES, INC. ONE IDEXX DRIVE WESTBROOK, ME 04092	
AMERICAN ANIMAL HEALTH INC.	315
DIVISIONS: TEXSON LABORATORIES AMERICAN EMBRYO SYSTEMS AMERICAN SWINE PRODUCTS MAIL: AMERICAN ANIMAL HEALTH INC. 2619 SKYWAY DRIVE GRAND PRAIRIE, TX 75051	
PP MANUFACTURING CORPORATION	317
MAIL: PP MANUFACTURING CORPORATION 175 CROSSING BOULEVARD FRAMINGHAM, MA 01702	
LAKE IMMUNOGENICS, INC.	318
MAIL: LAKE IMMUNOGENICS, INC. 348 BERG ROAD ONTARIO, NY 14519	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

MERIDIAN BIOSCIENCE, INC.	320
SUBSIDIARIES: BIODESIGN INTERNATIONAL	
VIRAL ANTIGENS, INC.	
MAIL: VIRAL ANTIGENS INC.	
5171 WILFONG ROAD	
MEMPHIS, TN 38134	
VETAZYME CORPORATION	321
MAIL: VETAZYME CORPORATION	
1706 WEST FOURTH STREET	
TEMPE, AZ 85281	
KADEL VACCINE COMPANY	323
MAIL: KADEL VACCINE COMPANY	
105 WEST 18TH STREET	
HOPKINSVILLE, KY 42240	
IDETEK INCORPORATED	325
MAIL: IDETEK INCORPORATED	
1057 SNEATH LANE	
SAN BRUNO, CA 94066	
IMMUCELL CORPORATION	327
MAIL: IMMUCELL CORPORATION	
56 EVERGREEN DRIVE	
PORTLAND, ME 04103	
CENTRAL BIOMEDIA, INC.	328
SUBSIDIARIES: SERA, INC.	
MAIL: SERA, INC.	
P. O. BOX 15866	
SHAWNEE MISSION, KS 66285-5866	
PROTATEK INTERNATIONAL INC.	329
MAIL: PROTATEK INTERNATIONAL INC.	
2635 UNIVERSITY AVENUE WEST,	
SUITE 140	
ST. PAUL, MN 55114	
BINAX, INC.	330
MAIL: BINAX, INC.	
217 READ STREET	
PORTLAND, ME 04103	
VMRD, INC.	332
MAIL: VMRD, INC.	
P.O. BOX 502	
PULLMAN, WA 99163	
JERRY ZINN (PERMITTEE)	335
MAIL: JERRY ZINN	
BOX 299 RT 3	
BUHL, ID 83316	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

VETERINARY DIAGNOSTIC TECHNOLOGY, INC.	336
MAIL: VETERINARY DIAGNOSTIC TECHNOLOGY 4890 VAN GORDON ST. SUITE 101 WHEAT RIDGE, CO 80033	
ARKO LABORATORIES LTD.	337
SUBSIDIARIES: BIOVET INC.	
MAIL: ARKO LABORATORIES LTD. P.O. BOX 400 1336 MAIN JEWELL, IA 50130	
AGEN INC.	338
MAIL: AGEN INC. 9075 GUILFORD ROAD COLUMBIA, MD 21046	
DELMONT LABORATORIES, INC.	339
MAIL: DELMONT LABORATORIES, INC. P.O. BOX 269 SWARTHMORE, PA 19081	
FONTERRA (USA) INC. (PERMITTEE)	341
MAIL: FONTERRA (USA) INC. 635 NORTH 12TH STREET, SUITE 101 LEMOYNE, PA 17043-1225	
BRINTON LABORATORIES INC.	343
MAIL: BRINTON LABORATORIES INC. P.O. BOX 246 WILLMAR, MN 6201-0246	
CHARLES RIVER LABORATORIES, INC.	344
MAIL: CHARLES RIVER LABORATORIES, INC. 251 BALLARDVALE STREET WILMINGTON, MA 01887	
CHARLES RIVER LABORATORIES, INC.	344A
MAIL: CHARLES RIVER LABORATORIES, INC. 251 BALLARDVALE STREET WILMINGTON, MA 01887 (PERMITTEE)	
IMMVAC, INC.	345
MAIL: IMMVAC, INC. 6080 BASS LANE COLUMBIA, MO 65201	
RESEARCH BIOGENICS INC.	346
MAIL: RESEARCH BIOGENICS INC. P.O. BOX 764 100 SOUTH PECAN STREET BASTROP, TX 78602	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

AMERICAN VETERINARY REFERENCE LABORATORY	347
MAIL: AMER VETERINARY REFERENCE LAB RT 1 BOX 229C MOLITOR ROAD AURORA, IL 60504	
SYRACUSE BIOANALYTICAL, INC.	354
MAIL: SYRACUSE BIOANALYTICAL, INC. LANGMUIR LAB BUILDING 95 BROWN RD. ITHACA, NY 14850	
ADDISON BIOLOGICAL LABORATORY, INC.	355
MAIL: ADDISON BIOLOGICAL LABORATORY ROUTE 3 BOX 90-B FAYETTE, MO 65248	
PHL ASSOCIATES, INC. DBA	357
DIVISIONS: POULTRY HEALTH LABORATORIES DAIRY HEALTH LABORATORIES SWINE HEALTH LABORATORIES	
MAIL: POULTRY HEALTH LABORATORIES 24711 COUNTY ROAD 100A DAVIS, CA 95616	
NELCO LABORATORIES INC.	359
MAIL: NELCO LABORATORIES INC. 154 BROOK AVE. DEER PARK, NY 11729	
VETERINARY DYNAMICS, INC.	360
MAIL: VETERINARY DYNAMICS, INC. 1535 TEMPLETON ROAD TEMPLETON, CA 93465	
INTERNATIONAL IMMUNOLOGY CORP.	361
MAIL: INTERNATIONAL IMMUNOLOGY CORP. 25549 ADAMS AVE. MURRIETA, CA 92362	
CUPREM, INC.	363
SUBSIDIARIES: COLOSTRUM TECHNOLOGIES, INC. MAIL: CUPREM, INC. P O BOX 147 KENESAW, NE 68956-0147	
WALCO INTERNATIONAL INC.	364
MAIL: CAVL, A DIVISION OF WALCO INTL. 9602 FM 1541 AMARILLO, TX 79118-6000	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

EPITOPIX, LLC	365
MAIL: EPITOPIX, LLC 3735 COUNTRY ROAD 5 SOUTHWEST WEST HIGHWAY 12, P.O. BOX 753 WILLMAR, MN 56201	
QUAD FIVE	366
MAIL: QUAD FIVE BOX 69 RYEGATE, MT 59074	
BIOMUNE CO.	368
MAIL: BIOMUNE CO. 8906 ROSEHILL ROAD LENEXA, KS 66215	
PROCOR TECHNOLOGIES	370
MAIL: PROCOR TECHNOLOGIES 4001 LEXINGTON AVENUE NORTH ARDEN HILLS, MN 55126	
SA SCIENTIFIC, INC	373
MAIL: SA SCIENTIFIC, INC 4919 GOLDEN QUAIL RD SAN ANTONIO, TX 78240	
VETECH LABS OF BUFFALO, INC. (PERMITTEE)	374
MAIL: VETECH LABORATORIES OF BUFFALO 100 SONWIL DRIVE BUFFALO, NY 14225	
IMMUNO-DYNAMICS, INC.	379
MAIL: IMMUNO-DYNAMICS, INC. P.O. BOX 544 PERRY, IA 50220	
GULL LABORATORIES, INC.	382
MAIL: GULL LABORATORIES, INC. 1011 EAST 4800 SOUTH SALT LAKE CITY, UT 84117	
CARRINGTON LABORATORIES, INC.	384
MAIL: CARRINGTON LABORATORIES, INC. P.O. BOX 168128 IRVING, TX 75016-8128	
EUDAEMONIC CORPORATION	385
MAIL: EUDAEMONIC CORPORATION 7031 NORTH 16TH STREET OMAHA, NE 68112	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

DIAGXOTICS, INC.	386
MAIL: DIAGXOTICS, INC. 27 CANNON ROAD WILTON, CT 06897	
TEXAS AGRICULTURAL EXPERIMENT STATION	393
MAIL: TX AGRICULTURAL EXPERIMENT STA. TEXAS A&M UNIVERSITY SYSTEM P.O. BOX 918 SONORA, TX 76950	
IMU-TEK ANIMAL HEALTH INC.	395
MAIL: IMU-TEK ANIMAL HEALTH INC. 3541 EAST VINE DRIVE FORT COLLINS, CO 80524	
LA BELLE ASSOCIATES, INC.	396
MAIL: LA BELLE ASSOCIATES, INC. 4040 BAKERVIEW SPUR BELLINGHAM, WA 98226	
STRATEGIC DIAGNOSTICS, INC.	398
SUBSIDIARIES: STRATEGIC BIOSOLUTIONS DIVISIONS: STRATEGIC BIOSOLUTIONS MAIL: STRATEGIC BIOSOLUTIONS 52 ANDERSON ROAD WINDHAM, ME 04062	
CUSTOM DRIED FOODS	400
MAIL: CUSTOM DRIED FOODS P.O. BOX 519 WEST 2ND AVE. AFTON, WY 83110	
SPECTRUM LABS, INC.	403
MAIL: SPECTRUM LABS, INC. 2143 EAST 5TH STREET, TEMPE, AZ 85281	
NATUR'S WAY COMPANY	404
MAIL: NATUR'S WAY COMPANY P.O. BOX 72 OAKLAND, NE 68045	
NATUR'S WAY COMPANY	404A
MAIL: NATUR'S WAY COMPANY P. O. BOX 72 OAKLAND, NE 68045	
GLATT AIR TECHNIQUES, INC.	406
MAIL: GLATT AIR TECHNIQUES, INC. 20 SPEAR ROAD RAMSEY, NJ 07446	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

HYGIEIA BIOLOGICAL LABORATORIES	407
MAIL: HYGIEIA BIOLOGICAL LABORATORIES	
P.O. BOX 8300	
WOODLAND, CA 95695	
OREGON FREEZE DRY	409
MAIL: OREGON FREEZE DRY	
PO BOX 1048	
ALBANY, OR 97321	
BIOQUAL INCORPORATED	411
MAIL: BIOQUAL INCORPORATED	
9600 MEDICAL CENTER DRIVE	
ROCKVILLE, MD 20850	
KESTREL, INC.	415
MAIL: KESTREL, INC.	
3350 ASHWORTH ROAD	
WAUKEE, IA 50263	
ALK LABORATORIES	416
MAIL: ALK LABORATORIES	
27 VILLAGE LANE	
WALLINGFORD, CT 06492	
IMMUNOMED CORPORATION	421
MAIL: IMMUNOMED CORPORATION	
11467 WEST I-70	
FRONTAGE ROAD NORTH	
WHEAT RIDGE, CO 80033	
LMD AGRO-VET LLC	430
DIVISIONS: SAFEPATH LABORATORIES	
MAIL: SAFEPATH LABORATORIES	
2792 LOKER AVENUE WEST #103	
CARLSBAD, CA 92008	
QUIDEL CORPORATION	445
MAIL: QUIDEL CORPORATION	
10165 MCKELLAR COURT	
SAN DIEGO, CA 92121	
AFFINITECH, LTD	450
MAIL: 2308 SE 28TH STREET, SUITE 2	
BENTONVILLE, AR 72712	
NEWPORT LABORATORIES, INC.	455
SUBSIDIARIES: BRITON LABORATORIES, INC.	
MAIL: NEWPORT LABORATORIES, INC.	
P.O. Box 938	
WORTHINGTON, MN 56187	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

ABBOTT LABORATORIES	460
MAIL: 1401 SHERIDAN ROAD	
NORTH CHICAGO, IL 60064-4000	
ABBOTT LABORATORIES (PERMITTEE)	460A
MAIL: ABBOTT LABORATORIES	
1401 SHERIDAN ROAD	
NORTH CHICAGO, IL 60064-6316	
ABBOTT LABORATORIES (PERMITTEE)	460B
MAIL: ABBOTT LABORATORIES	
100 ABBOTT PARK ROAD	
ABBOTT PARK, IL 60064	
BIOCOR ANIMAL HEALTH INC.	462
DIVISIONS: BIOCOR ANIMAL HEALTH INC.	
MAIL: BIOCOR ANIMAL HEALTH INC.	
2720 NORTH 84TH STREET	
PO BOX 34325	
OMAHA, NE 68134	
BIOCOR ANIMAL HEALTH INC. (PERMITTEE)	462A
MAIL: 2720 NORTH 84th STREET	
PO BOX 34325	
OMAHA, NE 68134	
NEOTECH, LLC	472
MAIL: NEOTECH, LLC	
10061 HIGHWAY 22	
DRESDEN, TN 38225	
PANBIO INDX, INC.	477
MAIL: PANBIO INDX, INC.	
1756 SULPHUR SPRING ROAD	
BALTIMORE, MD 21227	
SOLIDTECH ANIMAL HEALTH, INC.	604
MAIL: SOLIDTECH ANIMAL HEALTH, INC.	
812 NORTHEAST 24TH STREET	
NEWCASTLE, OK 73065-6359	
VIRIDUS ANIMAL HEALTH, LLC	605
MAIL: VIRIDUS ANIMAL HEALTH, LLC	
520 W. INDUSTRIAL LAKE DRIVE	
LINCOLN, NE 68528	
MEDICAL PACKAGING, INC.	607
MAIL: MEDICAL PACKAGING, INC.	
941 AVENIDA ACASO	
CAMARILLO, CA 93012	

## NUMERICAL LISTING OF ESTABLISHMENTS

LICENSE NUMBER

DIAGNOSTIC CHEMICALS LTD (PERMITTEE)	610
MAIL: DIAGNOSTIC CHEMICALS LTD 160 CHRISTIAN ST OXFORD, CT 06478	
MG BIOLOGICS, INC.	614
MAIL: MG BIOLOGICS, INC. 1721 Y AVENUE AMES, IA 50014	
UNITED BIOMEDICAL, INC.	620
MAIL: UNITED BIOMEDICAL, INC. 25 DAVIDS DRIVE HAUPPAUGE, NY 11788	
THE SIRIS GROUP, LLC	621
MAIL: THE SIRIS GROUP, LLC 3026 LOCUST STREET ST. LOUIS, MO 63103	
VETERINARY ALLERGY REFERENCE LABORATORY	622
MAIL: VETERINARY ALLERGY REFERENCE LAB P.O. BOX 41059 PASADENA, CA 91114	
BIO-RAD LABORATORIES (PERMITTEE)	624
MAIL: BIO-RAD LABORATORIES LIFE SCIENCES GROUP 2000 ALFRED NOBEL DRIVE HERCULES, CA 94547	
ROCHE DIAGNOSTICS (PERMITTEE)	626A
MAIL: ROCHE DIAGNOSTICS 9115 HAUGE ROAD P.O. BOX 50457 INDIANAPOLIS, IN 46250-0457	
PRION DEVELOPMENTAL LABORATORIES	632
MAIL: PRION DEVELOPMENTAL LABORATORIES 900 ASBURY DRIVE BUFFALO GROVE, IL 60089	

## LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>ACTINOBACILLUS PLEUROPNEUMONIAE VACCINE</u>		
1A57.00	LIVE CULTURE	124
<u>ANAPLASMOSIS VACCINE</u>		
1005.50	KILLED	329
<u>ANTHRAX SPORE VACCINE</u>		
1011.00	LIVE CULTURE	188    286
<u>ARTHROBACTER VACCINE</u>		
1K11.00	LIVE CULTURE	335
<u>AUTOGENOUS VACCINE</u>		
1015.00	KILLED VIRUS	196    279    285    286    303 368
1015.01	KILLED VIRUS	303    455
1015.10	KILLED VIRUS	196    286    368
1015.11	KILLED VIRUS	286
1015.20	KILLED VIRUS	112    124    213    245    303 337    455
1015.50	KILLED VIRUS	245    290    303
<u>AUTOGENOUS TRICHOMONAS VACCINE</u>		
1016.00	KILLED PROTOZOA	303
<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>		
1051.10	LIVE VIRUS	368
1051.11	LIVE VIRUS	112    165A    196    226    279 286
1051.12	LIVE VIRUS	286

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1055.10	KILLED VIRUS	196
<u>AVIAN ENCEPHALOMYELITIS-CHICKEN ANEMIA VIRUS-FOWL POX VACCINE</u>		
10T1.40	LIVE VIRUS & MODIFIED LIVE VIRUS	286
<u>AVIAN ENCEPHALOMYELITIS-FOWL POX VACCINE</u>		
10M1.10	LIVE VIRUS	112      165A    196    226    279 286
10M1.11	LIVE VIRUS	112      286
10M1.12	LIVE VIRUS	286
10M1.40	LIVE VIRUS	368
<u>AVIAN ENCEPHALOMYELITIS-FOWL POX-LARYNGOTRACHEITIS VACCINE</u>		
10S1.R0	LIVE VIRUS, LIVE FOWL POX VECTOR	368
<u>AVIAN ENCEPHALOMYELITIS-FOWL POX-MYCOPLASMA GALLISEPTICUM VACCINE</u>		
1D61.R0	LIVE VIRUS, LIVE FOWL POX VECTOR	368
<u>AVIAN INFLUENZA VACCINE</u>		
1057.H0	H10 SUBTYPE, KILLED VIRUS	196*
1057.H1	H1 SUBTYPE, KILLED VIRUS	196*
1057.H2	H2 SUBTYPE, KILLED VIRUS	196*
1057.H3	H3 SUBTYPE, KILLED VIRUS	196*
1057.H4	H4 SUBTYPE, KILLED VIRUS	196*
1057.H5	H5 SUBTYPE, KILLED VIRUS	196*
1057.H6	H6 SUBTYPE, KILLED VIRUS	196*
1057.H7	H7 SUBTYPE, KILLED VIRUS	196*
1057.H9	H9 SUBTYPE, KILLED VIRUS	196*

\* CONDITIONAL LICENSE

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>AVIAN INFLUENZA-FOWL POX VACCINE</u>		
1061.R0	LIVE FOWL POX VECTOR	279
<u>AVIAN PARAMYXOVIRUS VACCINE</u>		
10C5.10	TYPE 3, KILLED VIRUS	196
10C5.11	TYPE 1, KILLED VIRUS	196
<u>AVIAN PNEUMOVIRUS VACCINE</u>		
1A31.20	MODIFIED LIVE VIRUS	368
<u>AVIAN POLYOMAVIRUS VACCINE</u>		
1A15.00	KILLED VIRUS	368
<u>AVIAN REOVIRUS VACCINE</u>		
1045.00	KILLED VIRUS	112    196    286
1045.01	KILLED VIRUS	279    368
1045.02	KILLED VIRUS	196    368
1045.03	KILLED VIRUS	368
1045.1V	KILLED VIRUS	368
1045.20	KILLED VIRUS	298    368
1045.30	KILLED VIRUS	368
<u>BLUETONGUE VACCINE</u>		
1061.00	MODIFIED LIVE VIRUS	188
<u>BORDETELLA AVIUM VACCINE</u>		
1021.01	AVIRULENT LIVE CULTURE	165A    337
<u>BORDETELLA BRONCHISEPTICA VACCINE</u>		
1081.00	AVIRULENT LIVE CULTURE	112    286    301    303    355

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1081.01	AVIRULENT LIVE CULTURE	303
<u>BORDETELLA BRONCHISEPTICA-ERYSIPLOTHRIX RHUSIOPATHIAE VACCINE</u>		
10A8.00	AVIRULENT LIVE CULTURE	303
<u>BOVINE CORONAVIRUS VACCINE</u>		
19N5.20	KILLED VIRUS	303
<u>BOVINE PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
1161.00	MODIFIED LIVE VIRUS	213
1161.20	MODIFIED LIVE VIRUS	213
<u>BOVINE RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
1091.20	MODIFIED LIVE VIRUS	189 213
1091.21	MODIFIED LIVE VIRUS	189
1095.20	KILLED VIRUS	124 189 298 303 462
1095.21	KILLED VIRUS	124
1095.22	KILLED VIRUS	124
<u>BOVINE RHINOTRACHEITIS VACCINE</u>		
1101.00	MODIFIED LIVE VIRUS	112 188 213
1101.20	MODIFIED LIVE VIRUS	124 213 286 298 303
1101.21	MODIFIED LIVE VIRUS	189 286
1101.22	MODIFIED LIVE VIRUS	189
1101.B0	MODIFIED LIVE VIRUS	604
1105.20	KILLED VIRUS	213
<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE</u>		
1121.00	MODIFIED LIVE VIRUS	188 213

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1121.20	MODIFIED LIVE VIRUS	124 213 298 303 462
1121.21	MODIFIED LIVE VIRUS	189
1121.22	MODIFIED LIVE VIRUS	189
1121.23	MODIFIED LIVE VIRUS	189
1121.24	MODIFIED LIVE VIRUS	189
1121.31	MODIFIED LIVE VIRUS	165A 286

BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE

1071.00	MODIFIED LIVE VIRUS	213
1071.20	MODIFIED LIVE VIRUS	112 189 213
1071.21	MODIFIED LIVE VIRUS	189
1071.22	MODIFIED LIVE VIRUS	189

BOVINE RHINOTRACHEITIS-RESPIRATORY SYNCYTIAL VIRUS VACCINE

11B1.21	MODIFIED LIVE VIRUS	189
11B5.20	KILLED VIRUS	298

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE

1151.00	MODIFIED LIVE VIRUS	188 213 286
1151.20	MODIFIED LIVE VIRUS	112 124 165A 213 286 298 303
1151.21	MODIFIED LIVE VIRUS	124
1151.22	MODIFIED LIVE VIRUS	189
1151.25	MODIFIED LIVE VIRUS	189
1155.20	KILLED VIRUS	213 298 303
1155.30	KILLED VIRUS	213
1157.22	MODIFIED LIVE & KILLED VIRUS	189

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE</u>						
1171.00	MODIFIED LIVE VIRUS	112	188	213		
1171.20	MODIFIED LIVE VIRUS	213	298	462		
1171.21	MODIFIED LIVE VIRUS	165A	189			
1171.22	MODIFIED LIVE VIRUS	112	165A	189		
1171.25	MODIFIED LIVE VIRUS	189				
1171.30	MODIFIED LIVE VIRUS	124	286			
1175.20	KILLED VIRUS	124	189	303	462	
1175.21	KILLED VIRUS	112				
1175.22	KILLED VIRUS	112				
1177.20	MODIFIED LIVE & KILLED VIRUS	298				
1177.21	MODIFIED LIVE & KILLED VIRUS	189				
1179.20	MODIFIED LIVE & KILLED VIRUS	298				
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>						
1181.00	MODIFIED LIVE VIRUS	112				
1181.20	MODIFIED LIVE VIRUS	124	165A	189	213	303
1181.21	MODIFIED LIVE VIRUS	124	189			
1181.22	MODIFIED LIVE VIRUS	112	189			
1181.23	MODIFIED LIVE VIRUS	124				
1181.24	MODIFIED LIVE VIRUS	124				
1181.25	MODIFIED LIVE VIRUS	189				
1181.30	MODIFIED LIVE VIRUS	213	286			
1185.20	KILLED VIRUS	124	189	298	303	462
1185.21	KILLED VIRUS	112				
1185.22	KILLED VIRUS	112				

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1187.20	MODIFIED LIVE & KILLED VIRUS	124	213	298	462
1187.21	MODIFIED LIVE & KILLED VIRUS	112	189	298	
1187.22	MODIFIED LIVE & KILLED VIRUS	189	298		
1187.25	MODIFIED LIVE & KILLED VIRUS	189			
1189.00	MODIFIED LIVE & KILLED VIRUS	213			
1189.20	MODIFIED LIVE & KILLED VIRUS	189	303	462	
1189.21	MODIFIED LIVE & KILLED VIRUS	298			
1189.22	MODIFIED LIVE & KILLED VIRUS	189			
1189.30	MODIFIED LIVE VIRUS & KILLED VIRUS	213			

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-  
RESPIRATORY SYNCYTIAL VIRUS-MANNHEIMIA HAEMOLYTICA-PASTEURELLA  
MULTOCIDA VACCINE

11A8.20	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	286
11A8.21	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	213    286

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-RESPIRATORY SYNCYTIAL VIRUS  
VACCINE

11A1.20	MODIFIED LIVE VIRUS	213
11A1.21	MODIFIED LIVE VIRUS	189
11A1.25	MODIFIED LIVE VIRUS	189
11A1.30	MODIFIED LIVE VIRUS	213
11A5.20	KILLED VIRUS	298

BOVINE ROTA-CORONAVIRUS VACCINE

1931.20	MODIFIED LIVE VIRUS	189
1935.20	KILLED VIRUS	303

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>BOVINE VIRUS DIARRHEA VACCINE</u>						
1201.00	MODIFIED LIVE VIRUS	188	213			
1201.20	MODIFIED LIVE VIRUS	124	213			
1205.00	KILLED VIRUS	213				
1205.20	KILLED VIRUS	124	213	286	298	303
1205.21	KILLED VIRUS	112	189			
1205.22	KILLED VIRUS	112	189			
1205.25	KILLED VIRUS	189				
<u>BOVINE VIRUS DIARRHEA-RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>						
12A5.20	KILLED VIRUS	189	298	303	462	
<u>BRONCHITIS VACCINE</u>						
1231.11	MASS TYPE, LIVE VIRUS	112	286			
1231.12	MASS TYPE, LIVE VIRUS	112	196	226	279	286
1231.13	MASS & ARK TYPES, LIVE VIRUS	112	196			
1231.14	MASS & CONN TYPES, LIVE VIRUS	112	196	279		
1231.15	CONN TYPE, LIVE VIRUS	196	286			
1231.16	MASS TYPE, LIVE VIRUS	196	286			
1231.17	MASS & CONN TYPES, LIVE VIRUS	286				
1231.18	MASS TYPE, LIVE VIRUS	196	226	286		
1231.1A	MASS TYPE, LIVE VIRUS	286				
1231.1D	DELAWARE TYPE, MODIFIED LIVE VIRUS	226				
1231.1F	MASS TYPE, LIVE VIRUS	196				
1231.1G	MASS TYPE & CONN TYPE, LIVE VIRUS	196				
1231.1M	ARK TYPE, LIVE VIRUS	112				
1231.20	ARK TYPE, LIVE VIRUS	196	226	279	286	

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
1231.21	ARK TYPE, LIVE VIRUS	279	286	
1231.22	ARK TYPE, LIVE VIRUS	279		
1231.A1	MASS TYPE, LIVE VIRUS	226		
1232.10	MASS TYPE, LIVE VIRUS	196	279	
1232.15	MASS TYPE, LIVE VIRUS	279		
1233.10	MASS TYPE, LIVE VIRUS	279		
1235.10	MASS TYPE, KILLED VIRUS	196	286	368
1235.15	MASS & ARK TYPES, KILLED VIRUS	196		

BRONCHITIS-BURSAL DISEASE VACCINE

12F1.42	MASS TYPE, LIVE VIRUS	279
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BRONCHITIS-BURSAL DISEASE-REOVIRUS VACCINE

12E5.4A	STANDARD & VARIANT, MASS & ARK TYPES, KILLED VIRUS	196
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BRUCELLA ABORTUS VACCINE

1251.01	STRAIN 19, LIVE CULTURE	188
1251.02	STRAIN 19, LIVE CULTURE, REDUCED DOSE	188
1261.00	STRAIN RB-51, LIVE CULTURE	188

BURSAL DISEASE VACCINE

1271.00	LIVE VIRUS	112	165A	196	279	286
		368				
1271.01	LIVE VIRUS	196	279	286		
1271.02	LIVE VIRUS	196	286			
1271.04	LIVE VIRUS	368				
1271.0A	LIVE VIRUS	279				
1271.10	LIVE VIRUS	112	165A	226	279	

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
1271.11	LIVE VIRUS	226		
1271.12	LIVE VIRUS	226	279	286
1271.13	LIVE VIRUS	226	279	286
1271.15	MODIFIED LIVE VIRUS	112		
1271.40	LIVE VIRUS	165A	226	
1272.00	LIVE VIRUS	196	279	
1275.00	KILLED VIRUS	112	196	286
1275.01	KILLED VIRUS	112	196	
1275.02	KILLED VIRUS	196	286	
1275.10	KILLED VIRUS	286		
1275.20	KILLED VIRUS	286		
1275.50	KILLED VIRUS	368		
12A5.00	VARIANT STRAIN, KILLED VIRUS	286		
12B1.00	STANDARD & VARIANT, LIVE VIRUS	279	286	
12B1.01	STANDARD & VARIANT, KILLED VIRUS	279		
12B5.01	STANDARD & VARIANT, KILLED VIRUS	196		
12B5.40	STANDARD & VARIANT, KILLED VIRUS	196	279	286
12B5.41	STANDARD & VARIANT, KILLED VIRUS	286	368	
12B5.4A	STANDARD & VARIANT, KILLED VIRUS	196		
12L1.00	VARIANT STRAIN, LIVE VIRUS	286		
12L5.00	VARIANT, LIVE VIRUS	226		

BURSAL DISEASE-MAREK'S DISEASE VACCINE

1282.00	SEROTYPE 3, LIVE VIRUS	196
1282.50	VARIANT, SEROTYPE 3, LIVE VIRUS	286
1288.42	SEROTYPE 3, LIVE VIRUS	279
1288.43	SEROTYPES 2 & 3, LIVE VIRUS	279

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
1288.44	SEROTYPES 2 & 3, LIVE VIRUS	279		
1288.4A	SEROTYPE 3, LIVE VIRUS	279		
12C2.50	VARIANT, SEROTYPES 2 & 3, LIVE VIRUS	286		
12C2.51	VARIANT, SEROTYPES 2 & 3, LIVE VIRUS	286		
12C2.52	VARIANT STRAIN, SEROTYPES 2 & 3, LIVE VIRUS	286		
12C2.53	VARIANT, SEROTYPES 2 & 3	286		
12C8.40	STANDARD & VARIANT, SEROTYPE 3, LIVE VIRUS	279		
12C8.41	STANDARD & VARIANT, SEROTYPES 2 & 3, LIVE VIRUS	279		
1A82.00	SEROTYPE 3, LIVE VIRUS	286		
1A82.01	SEROTYPE 3, LIVE VIRUS	112		
1A88.4L	SEROTYPE 3, LIVE VIRUS	286		
1B82.30	SEROTYPES 2 & 3, LIVE VIRUS	112		
1C82.00	SEROTYPES 2 & 3, LIVE VIRUS	286		

BURSAL DISEASE-NEWCASTLE DISEASE VACCINE

12G1.60	B1 TYPE, B1 STRAIN	279			
12G5.10	KILLED VIRUS	112	286		
12G5.11	KILLED VIRUS	112	286		
12G5.13	KILLED VIRUS	112			
12G5.40	KILLED VIRUS	196	286		
12G5.41	KILLED VIRUS, STANDARD & VARIANT	196	279	286	368
12G5.42	STANDARD & VARIANT, KILLED VIRUS	196	286	368	
12G5.43	KILLED VIRUS	196	286	368	

BURSAL DISEASE-NEWCASTLE DISEASE-BRONCHITIS VACCINE

12D5.45	STANDARD & VARIANT, MASS & ARK TYPES, KILLED VIRUS	196	279	
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## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
12H1.4M	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS	279		
12H1.67	B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS	279		
12J1.40	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS	279		
12J5.40	MASS TYPE, KILLED VIRUS	112	196	286
12J5.41	MASS TYPE, KILLED VIRUS	112	196	
12J5.42	MASS TYPE, KILLED VIRUS	112		
12J5.60	STANDARD & VARIANT, MASS TYPE, KILLED VIRUS	196	286	368
12J5.61	STANDARD & VARIANT, MASS TYPE, KILLED VIRUS	286	368	
12J5.62	MASS TYPE, KILLED VIRUS	368		
12J5.63	STANDARD, VARIANT, MASS & ARK TYPES, KILLED VIRUS	196		

BURSAL DISEASE-NEWCASTLE DISEASE-BRONCHITIS-REOVIRUS VACCINE

12M5.00	STANDARD & VARIANT, MASS TYPE, KILLED VIRUS	196	286	368
12M5.01	STANDARD & VARIANT, MASS TYPE, KILLED VIRUS	196	286	368
12M5.10	KILLED VIRUS	286		
12M5.11	MASS TYPE, KILLED VIRUS	286		
12M5.40	KILLED VIRUS	112		
12M5.41	STANDARD & VARIANT, MASS & ARK TYPES, KILLED VIRUS	196	279	
12M5.42	STANDARD & VARIANT, MASS & ARK TYPES, KILLED VIRUS	196		
12M5.43	MASS TYPE, KILLED VIRUS	196		
12M5.50	MASS TYPE, KILLED VIRUS	368		
12M5.90	MASS TYPE KILLED VIRUS	112	196	
12M5.91	MASS TYPE, KILLED VIRUS	112	196	
12M5.E0	STANDARD & VARIANT, MASS TYPE, KILLED VIRUS	368		

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>BURSAL DISEASE-NEWCASTLE DISEASE-REOVIRUS VACCINE</u>					
1245.40	STANDARD STRAIN, KILLED VIRUS	196			
12P5.40	STANDARD & VARIANT, KILLED VIRUS	196	279	286	368
12P5.41	STANDARD & VARIANT, KILLED VIRUS	196	286	368	
12P5.42	KILLED VIRUS	368			
12P5.43	STANDARD & VARIANT, KILLED VIRUS	196			
12P5.90	KILLED VIRUS	112			
12P5.E0	STANDARD & VARIANT, KILLED VIRUS	368			
<u>BURSAL DISEASE-REOVIRUS VACCINE</u>					
12D5.00	STANDARD & VARIANT, KILLED VIRUS	196	286	368	
12D5.01	STANDARD & VARIANT, KILLED VIRUS	196	279	368	
12D5.02	KILLED VIRUS	196	368		
12D5.03	STANDARD & VARIANT, KILLED VIRUS	196			
12D5.04	STANDARD & VARIANT, KILLED VIRUS	196			
12D5.30	STANDARD & VARIANT, KILLED VIRUS	286			
12D5.41	VARIANT, KILLED VIRUS	196			
12D5.43	KILLED VIRUS	112			
12D5.E0	STANDARD & VARIANT, KILLED VIRUS	368			
12D5.F0	STANDARD & VARIANT, KILLED VIRUS	286			
12D5.T0	STANDARD & VARIANT, KILLED VIRUS	112			
<u>CANARY POX VACCINE</u>					
1623.10	MODIFIED LIVE VIRUS	368			
<u>CANINE ADENOVIRUS TYPE 2-PARAINFLUENZA-BORDETELLA BRONCHISEPTICA VACCINE</u>					
12X1.20	MODIFIED LIVE VIRUS & AVIRULENT LIVE CULTURE	112	165A	286	

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE</u>						
12T7.20	MODIFIED LIVE & KILLED VIRUS	189	462			
<u>CANINE CORONAVIRUS VACCINE</u>						
14P1.20	MODIFIED LIVE VIRUS	112	298			
14P5.20	KILLED VIRUS	112	165A	189	286	292
14P5.21	KILLED VIRUS	112	286			
<u>CANINE CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS VACCINE</u>						
14R9.27	MODIFIED LIVE & KILLED VIRUS	112				
<u>CANINE CORONAVIRUS-PARVOVIRUS VACCINE</u>						
14R1.20	MODIFIED LIVE VIRUS	298				
14R7.20	MODIFIED LIVE & KILLED VIRUS	189				
14R7.21	MODIFIED LIVE & KILLED VIRUS	112	189			
14R7.22	MODIFIED LIVE & KILLED VIRUS	286				
14R7.25	MODIFIED LIVE & KILLED VIRUS	112				
14R7.27	MODIFIED LIVE & KILLED VIRUS	112				
14R7.29	MODIFIED LIVE & KILLED VIRUS	112				
<u>CANINE DISTEMPER VACCINE</u>						
1301.00	MODIFIED LIVE VIRUS	112				
1301.20	MODIFIED LIVE VIRUS	112	165A			
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE</u>						
13A1.20	MODIFIED LIVE VIRUS	189				
13A1.27	MODIFIED LIVE VIRUS	112				
13A1.30	MODIFIED LIVE VIRUS	112				

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS VACCINE</u>				
1591.R1	MODIFIED LIVE VIRUS, CANARYPOX VECTOR	298		
1599.20	MODIFIED LIVE & KILLED VIRUS	165A	189	286
1599.21	MODIFIED LIVE & KILLED VIRUS	112	189	
1599.22	MODIFIED LIVE & KILLED VIRUS	112		
1599.23	MODIFIED LIVE & KILLED VIRUS	112		
1599.25	MODIFIED LIVE & KILLED VIRUS	112		
1599.27	MODIFIED LIVE & KILLED VIRUS	112		
1599.29	MODIFIED LIVE & KILLED VIRUS	112		
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS-RABIES VACCINE</u>				
14K9.R1	MODIFIED LIVE & KILLED VIRUS, CANARYPOX VECTOR	298		
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE</u>				
1377.20	MODIFIED LIVE & KILLED VIRUS	189	462	
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-MEASLES-PARAINFLUENZA VACCINE</u>				
1341.20	MODIFIED LIVE VIRUS	189		
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA VACCINE</u>				
13C1.20	MODIFIED LIVE VIRUS	189		
13C1.30	MODIFIED LIVE VIRUS	112		
13C1.31	MODIFIED LIVE VIRUS	112		
13C1.40	MODIFIED LIVE & KILLED VIRUS	189	462	
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS VACCINE</u>				
13D1.20	MODIFIED LIVE VIRUS	165A	286	

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
13D1.21	MODIFIED LIVE VIRUS	112    189    286
13D1.22	MODIFIED LIVE VIRUS	112    189
13D1.23	MODIFIED LIVE VIRUS	112
13D1.24	MODIFIED LIVE VIRUS	112
13D1.25	MODIFIED LIVE VIRUS	112
13D1.27	MODIFIED LIVE VIRUS	112
13D1.28	MODIFIED LIVE VIRUS	112
13D1.29	MODIFIED LIVE VIRUS	112
13D1.31	MODIFIED LIVE VIRUS	112
13D1.R1	MODIFIED LIVE VIRUS, CANARYPOX VECTOR	298
13D1.T0	MODIFIED LIVE VIRUS	112
13D9.20	MODIFIED LIVE & KILLED VIRUS	189    462

CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS-RABIES VACCINE

13F9.R0	MODIFIED LIVE & KILLED VIRUS, CANARYPOX VECTOR	298
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CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE

1331.22	MODIFIED LIVE VIRUS	112
1331.23	MODIFIED LIVE VIRUS	189
1331.27	MODIFIED LIVE VIRUS	112
1331.30	MODIFIED LIVE VIRUS	286
1331.R1	MODIFIED LIVE VIRUS, CANARYPOX VECTOR	298

CANINE DISTEMPER-CORONAVIRUS-PARVOVIRUS VACCINE

14D7.20	MODIFIED LIVE & KILLED VIRUS	286
14D9.27	MODIFIED LIVE & KILLED VIRUS	112

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE</u>		
1381.20	MODIFIED LIVE VIRUS	462
1381.21	MODIFIED LIVE VIRUS	124
<u>CANINE DISTEMPER-MEASLES VACCINE</u>		
1351.20	MODIFIED LIVE VIRUS	189
<u>CANINE DISTEMPER-PARVOVIRUS VACCINE</u>		
13P1.20	MODIFIED LIVE VIRUS	112      286
13P1.27	MODIFIED LIVE VIRUS	112
<u>CANINE PARAINFLUENZA VACCINE</u>		
1421.20	MODIFIED LIVE VIRUS	189
<u>CANINE PARAINFLUENZA-BORDETELLA BRONCHISEPTICA VACCINE</u>		
14M1.20	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	124      165A      286
<u>CANINE PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
1441.20	MODIFIED LIVE VIRUS	112
1441.27	MODIFIED LIVE VIRUS	112
<u>CHICKEN ANEMIA VIRUS VACCINE</u>		
10A1.00	LIVE VIRUS	368
10A1.01	LIVE VIRUS	368
10A1.10	MODIFIED LIVE VIRUS	286
<u>CHLAMYDIA PSITTACI VACCINE</u>		
1581.20	MODIFIED LIVE CHLAMYDIA	112
1585.20	KILLED CHLAMYDIA	112

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
<u>COCCIDIOSIS VACCINE</u>			
1431.50	LIVE OOCYSTS	226	374
1431.51	LIVE OOCYSTS	226	
1431.55	LIVE OOCYSTS, CHICKEN ISOLATES	226	
1431.56	LIVE OOCYSTS	374	
1431.58	LIVE OOCYSTS	605	
<u>DISTEMPER VACCINE</u>			
1471.10	MODIFIED LIVE VIRUS	245	
1471.R0	LIVE CANARYPOX VECTOR	298	
<u>DUCK VIRUS ENTERITIS VACCINE</u>			
1461.10	MODIFIED LIVE VIRUS	268	
<u>DUCK VIRUS HEPATITIS VACCINE</u>			
14B1.10	MODIFIED LIVE VIRUS	268	
14B5.10	KILLED VIRUS	268	
<u>EDWARDIELLA ICTALURI VACCINE</u>			
1531.00	AVIRULENT LIVE CULTURE	286	
<u>ENCEPHALOMYELITIS VACCINE</u>			
1475.00	EASTERN, WESTERN, KILLED VIRUS	188	286
1475.02	EASTERN & WESTERN, KILLED VIRUS	112	
1475.22	EASTERN & WESTERN, KILLED VIRUS	112	
1485.22	EASTERN, VENEZUELAN, KILLED VIRUS	107	
1485.23	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107	112

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>ENCEPHALOMYELITIS-WEST NILE VIRUS VACCINE</u>		
14W5.22	EASTERN & WESTERN, KILLED VIRUS	112
14W5.23	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112
<u>ENCEPHALOMYOCARDITIS VACCINE</u>		
1495.20	KILLED VIRUS	286
<u>EQUINE ARTERITIS VACCINE</u>		
1531.20	MODIFIED LIVE VIRUS	112
<u>EQUINE INFLUENZA VACCINE</u>		
1501.10	MODIFIED LIVE VIRUS	213
1501.20	MODIFIED LIVE VIRUS	213
1505.10	KILLED VIRUS	329
1505.20	KILLED VIRUS	107    124    189    286
1505.21	KILLED VIRUS	124    286
1505.22	KILLED VIRUS	112    286
1505.23	KILLED VIRUS	112
1505.24	KILLED VIRUS	112
1505.25	KILLED VIRUS	112
<u>EQUINE RHINOPNEUMONITIS VACCINE</u>		
1521.20	MODIFIED LIVE VIRUS	189
1525.20	KILLED VIRUS	124    286
1525.21	KILLED VIRUS	112    286
1525.23	KILLED VIRUS	112
1525.24	KILLED VIRUS	112

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>EQUINE RHINOPNEUMONITIS-INFLUENZA VACCINE</u>					
1515.20	KILLED VIRUS	124	286		
1515.21	KILLED VIRUS		286		
1515.22	KILLED VIRUS		286		
1515.24	KILLED VIRUS		112		
1515.25	KILLED VIRUS		112		
1515.26	KILLED VIRUS		112		
1515.27	KILLED VIRUS		112		
1518.20	MODIFIED LIVE & KILLED VIRUS		189		
<u>EQUINE ROTAVIRUS VACCINE</u>					
1E15.20	KILLED VIRUS		112*		
<u>ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE</u>					
1541.00	AVIRULENT LIVE CULTURE	124	189	303	337
1541.01	AVIRULENT LIVE CULTURE	112	286	337	
1541.02	AVIRULENT LIVE CULTURE		337		
1541.03	AVIRULENT LIVE CULTURE		337		
<u>ESCHERICHIA COLI VACCINE</u>					
1551.01	AVIRULENT LIVE CULTURE, AVIAN ISOLATES		165A		
15R1.00	AVIRULENT LIVE CULTURE		337		
<u>FELINE IMMUNODEFICIENCY-LEUKEMIA VIRUS VACCINE</u>					
15D5.R0	KILLED VIRUS		112		
<u>FELINE IMMUNODEFICIENCY VIRUS VACCINE</u>					
15A5.21	KILLED VIRUS		112		
15A5.23	KILLED VIRUS		112		

\* CONDITIONAL LICENSE

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>FELINE INFECTIOUS PERITONITIS VACCINE</u>		
15A1.20	MODIFIED LIVE VIRUS	189
<u>FELINE LEUKEMIA VACCINE</u>		
1555.20	KILLED VIRUS	112 165A 286 298 462
1555.21	KILLED VIRUS	189
1555.R1	LIVE BACULOVIRUS VECTOR	112
<u>FELINE LEUKEMIA-CHLAMYDIA PSITTACI VACCINE</u>		
1A69.20	KILLED VIRUS & CHLAMYDIA	112
<u>FELINE LEUKEMIA-RABIES VACCINE</u>		
15R5.20	KILLED VIRUS	112
15R5.R0	KILLED VIRUS, LIVE CANARYPOX VECTOR	298
<u>FELINE LEUKEMIA-RHINOTRACHEITIS-CALICI VACCINE</u>		
15L5.20	KILLED VIRUS	112
15L9.21	MODIFIED LIVE & KILLED VIRUS	112
<u>FELINE LEUKEMIA-RHINOTRACHEITIS-CALICI-PANLEUKOPENIA VACCINE</u>		
15B5.20	KILLED VIRUS	112
15B9.20	MODIFIED LIVE & KILLED VIRUS	112 165A 286 298
15B9.21	MODIFIED LIVE & KILLED VIRUS	112
<u>FELINE LEUKEMIA-RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-CHLAMYDIA PSITTACI VACCINE</u>		
1559.20	KILLED VIRUS & CHLAMYDIA	112
1559.22	KILLED VIRUS & CHLAMYDIA	112
1559.2B	MODIFIED LIVE VIRUS & CHLAMYDIA & KILLED VIRUS	112 165A 286 298

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
1559.2C	MODIFIED LIVE VIRUS, KILLED VIRUS & KILLED CHLAMYDIA	112				
<u>FELINE LEUKEMIA-RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-CHLAMYDIA PSITTACI-RABIES VACCINE</u>						
16A9.20	MODIFIED LIVE VIRUS & CHLAMYDIA & KILLED VIRUS	112				
16A9.R0	MODIFIED LIVE VIRUS, KILLED CHLAMYDIA, KILLED VIRUS, CANARYPOX VECTOR	298				
<u>FELINE LEUKEMIA-RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-RABIES VACCINE</u>						
16S9.20	MODIFIED LIVE & KILLED VIRUS	112				
16S9.R0	MODIFIED LIVE & KILLED VIRUS, CANARYPOX VECTOR	298				
<u>FELINE PANLEUKOPENIA VACCINE</u>						
1561.00	MODIFIED LIVE VIRUS	286				
1561.20	MODIFIED LIVE VIRUS	112	189			
1561.21	MODIFIED LIVE VIRUS	124	462			
1565.20	KILLED VIRUS	107	165A	213	298	462
<u>FELINE PANLEUKOPENIA-RABIES VACCINE</u>						
1575.20	KILLED VIRUS	107				
<u>FELINE RHINOTRACHEITIS-CALICI VACCINE</u>						
16C1.20	MODIFIED LIVE VIRUS	107	124	165A	189	298
		462				
16C1.21	MODIFIED LIVE VIRUS	189				
16C1.22	MODIFIED LIVE VIRUS	112				
16C5.20	KILLED VIRUS	112				

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>FELINE RHINOTRACHEITIS-CALICI-CHLAMYDIA PSITTACI VACCINE</u>					
16F1.20	MODIFIED LIVE VIRUS & CHLAMYDIA	189	462		
16F1.21	MODIFIED LIVE VIRUS & CHLAMYDIA	298			
<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA VACCINE</u>					
16D1.20	MODIFIED LIVE VIRUS	112	165A	189	286
16D1.21	MODIFIED LIVE VIRUS	286			
16D1.22	MODIFIED LIVE VIRUS	112			
16D5.20	KILLED VIRUS	112	462		
16D8.20	MODIFIED LIVE VIRUS	124	462		
16D8.21	MODIFIED LIVE VIRUS	298			
16D9.20	MODIFIED LIVE & KILLED VIRUS	107	165A	298	462
<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-CHLAMYDIA PSITTACI VACCINE</u>					
16E1.20	MODIFIED LIVE VIRUS & CHLAMYDIA	112	165A	189	286
16E5.20	KILLED VIRUS & CHLAMYDIA	112			
16E6.20	MODIFIED LIVE VIRUS & KILLED CHLAMYDIA	112			
16E8.20	MODIFIED LIVE VIRUS & CHLAMYDIA	189	286	298	462
<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-CHLAMYDIA PSITTACI-RABIES VACCINE</u>					
1619.20	MODIFIED LIVE VIRUS, CHLAMYDIA, KILLED VIRUS	298			
1619.R1	MODIFIED LIVE VIRUS, CHLAMYDIA, CANARYPOX VECTOR	298			
<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-RABIES VACCINE</u>					
16T9.20	MODIFIED LIVE & KILLED VIRUS	107	298		
16T9.R0	MODIFIED LIVE VIRUS, CANARYPOX VECTOR	298			

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
<u>FOWL LARYNGOTRACHEITIS VACCINE</u>							
1601.01	MODIFIED LIVE VIRUS	165A	226				
1601.10	LIVE VIRUS	196					
1601.11	MODIFIED LIVE VIRUS	112	165A	196	226	279	286
1601.12	LIVE VIRUS	165A	226				
1601.13	MODIFIED LIVE VIRUS	226	286				
1601.14	MODIFIED LIVE VIRUS	226					
<u>FOWL POX VACCINE</u>							
1621.00	LIVE VIRUS	112	165A	196	286	368	
1621.01	LIVE VIRUS	196	286				
1621.10	LIVE VIRUS	165A	196	226	279	286	
1621.11	LIVE VIRUS	112					
1621.12	LIVE VIRUS	286					
1622.00	LIVE VIRUS	279					
<u>FOWL POX-LARYNGOTRACHEITIS VACCINE</u>							
1F31.R0	LIVE FOWL POX VECTOR	368					
<u>FOWL POX-MAREK'S DISEASE VACCINE</u>							
15E2.00	SEROTYPE 3, LIVE VIRUS	279					
<u>FOWL POX-MYCOPLASMA GALLISEPTICUM VACCINE</u>							
1D51.R0	LIVE FOWL POX VECTOR	368					
<u>FOX ENCEPHALITIS VACCINE</u>							
1635.20	KILLED VIRUS	245					

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>GIARDIA LAMBLIA VACCINE</u>						
18G5.00	KILLED PROTOZOA		112			
18G5.01	KILLED PROTOZOA		112			
<u>HEMORRHAGIC ENTERITIS VACCINE</u>						
17E1.20	LIVE VIRUS	165A	286	337	343	368
17E1.21	LIVE VIRUS	279	286	365		
17E1.22	LIVE VIRUS	286				
<u>LAWSONIA INTRACELLULARIS VACCINE</u>						
10L1.00	LIVE CULTURE	124				
10L1.01	AVIRULENT LIVE CULTURE	124				
<u>MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA VACCINE</u>						
1861.00	AVIRULENT LIVE CULTURE	189	286	323	462	
<u>MARBLE SPLEEN DISEASE VACCINE</u>						
17M1.20	LIVE VIRUS	286				
17M1.21	LIVE VIRUS	286				
<u>MAREK'S DISEASE VACCINE</u>						
1631.00	SEROTYPE 2,LIVE VIRUS	112	196	279	286	
1631.01	SEROTYPE 1,LIVE VIRUS	286				
1631.02	SEROTYPE 2,LIVE VIRUS	279	286			
1631.04	SEROTYPE 2,LIVE VIRUS	286				
1631.05	SEROTYPE 2,LIVE VIRUS	286				
1636.00	SEROTYPE 1,LIVE VIRUS	286				
1641.00	SEROTYPE 3,LIVE VIRUS	112	196	279	286	
1641.01	SEROTYPE 3,LIVE VIRUS	112	196	279	286	

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
1641.02	SEROTYPE 3,LIVE VIRUS	196	279	286
1641.03	SEROTYPE 3,LIVE VIRUS	279	286	
1641.05	SEROTYPE 3,LIVE VIRUS	286		
1641.R0	TURKEY HERPESVIRUS VECTOR	286		
1651.00	SEROTYPES 2 & 3,LIVE VIRUS	279	286	
1651.01	SEROTYPES 2 & 3,LIVE VIRUS	196	279	286
1651.02	SEROTYPES 2 & 3,LIVE VIRUS	196	279	286
1651.03	SEROTYPES 2 & 3,LIVE VIRUS	196	286	
1651.04	SEROTYPES 2 & 3,LIVE VIRUS	286		
1652.00	SEROTYPE 1, 2 & 3,LIVE VIRUS	286		
1652.01	SEROTYPE 1, 2 & 3,LIVE VIRUS	286		
1652.02	SEROTYPES 1 & 3,LIVE VIRUS	286		
1656.00	SEROTYPE 1, 2 & 3,LIVE VIRUS	286		
16G1.00	SEROTYPES 2 & 3,LIVE VIRUS	112	286	
16G1.02	SEROTYPES 1 & 3,LIVE VIRUS	112		
16G8.00	SEROTYPES 2 & 3,LIVE VIRUS	286		
16L1.00	SEROTYPE 1,LIVE VIRUS	196	279	286
16L1.01	SEROTYPE 1, 2 & 3,LIVE VIRUS	196	286	
16L1.02	SEROTYPES 1 & 3,LIVE VIRUS	196	279	286
16L1.03	SEROTYPE 1, 2 & 3,LIVE VIRUS	286		
16L1.04	SEROTYPE 1,LIVE VIRUS	286		
16L1.05	SEROTYPES 1 & 3,LIVE VIRUS	286		
16M1.00	SEROTYPE 1,LIVE VIRUS	286		
16M2.00	SEROTYPE 1, 2 & 3,LIVE VIRUS	286		
16M3.00	SEROTYPE 1, 2 & 3,LIVE VIRUS	286		

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>MAREK'S DISEASE-NEWCASTLE DISEASE VACCINE</u>		
17H1.R0	SEROTYPES 1 & 3, LIVE MAREK'S DISEASE VECTOR	286
<u>MAREK'S DISEASE-TENOSYNOVITIS VACCINE</u>		
16T1.00	SEROTYPES 2 & 3, MODIFIED LIVE VIRUS	279
16T1.01	SEROTYPES 2 & 3, LIVE VIRUS	286
16T1.02	SEROTYPES 2 & 3, LIVE VIRUS	286
16T1.03	SEROTYPES 2 & 3, LIVE VIRUS	286
<u>MINK DISTEMPER VACCINE</u>		
1451.00	MODIFIED LIVE VIRUS	245
1451.01	MODIFIED LIVE VIRUS	245
1451.20	MODIFIED LIVE VIRUS	165A
<u>MINK DISTEMPER-ENTERITIS VACCINE</u>		
1679.30	MODIFIED LIVE & KILLED VIRUS	245
1679.31	MODIFIED LIVE & KILLED VIRUS	245
1679.32	MODIFIED LIVE & KILLED VIRUS	245
<u>MINK ENTERITIS VACCINE</u>		
1685.20	KILLED VIRUS	245
1685.21	KILLED VIRUS	245
1685.22	KILLED VIRUS	245
<u>MYCOPLASMA GALLISEPTICUM VACCINE</u>		
1751.00	LIVE CULTURE	165A 196 279 286
<u>NEWCASTLE DISEASE VACCINE</u>		
1701.10	VG/GA STRAIN, LIVE VIRUS	279

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
1705.10	KILLED VIRUS	112	196	286	368	
1705.11	KILLED VIRUS	112	196	286		
1705.12	KILLED VIRUS		196			
1705.13	KILLED VIRUS		196			
1705.14	KILLED VIRUS		196			
1705.15	KILLED VIRUS		196			
1711.10	B1 TYPE, B1 STRAIN, LIVE VIRUS	112 286	165A	196	226	279
1711.11	B1 TYPE, B1 STRAIN, LIVE VIRUS	196	279	286		
1711.12	B1 TYPE, B1 STRAIN, LIVE VIRUS	196				
1711.18	B1 TYPE, B1 STRAIN, LIVE VIRUS	112				
1721.0A	B1 TYPE, LASOTA STRAIN, LIVE VIRUS	196				
1721.10	B1 TYPE, LASOTA STRAIN, LIVE VIRUS	112 368	196	226	279	286
1721.11	B1 TYPE, LASOTA STRAIN, LIVE VIRUS	196	226	279	286	
1721.13	B1 TYPE, LASOTA STRAIN, LIVE VIRUS	196	286			
1731.10	ROAKIN TYPE, LIVE VIRUS	196				
17A2.10	B1 TYPE, B1 STRAIN, LIVE VIRUS	279				
17A2.V1	VG/GA STRAIN, LIVE VIRUS	279				
17B1.10	B1 TYPE, C2 STRAIN, LIVE VIRUS	286				

NEWCASTLE DISEASE-AVIAN ENCEPHALOMYELITIS VACCINE

1745.10	KILLED VIRUS	196
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NEWCASTLE DISEASE-FOWL POX VACCINE

17C1.R0	LIVE FOWL POX VECTOR	279	368
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NEWCASTLE-BRONCHITIS VACCINE

1761.11	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS	112	165A	279	286
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## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1761.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	112	196	226	279
1761.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	112	165A	279	
1761.14	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	112	226	279	
1761.15	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	196	279		
1761.16	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279			
1761.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	165A	196	226	279
1761.18	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	112	196	286	
1761.19	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	226	279		
1761.1A	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	286			
1761.1B	B1 TYPE,B1 STRAIN,MASS & FLORIDA TYPES, LIVE VIRUS	196			
1761.1H	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	196	279		
1761.1X	B1 TYPE,B1 STRAIN,MASS TYPE & CONN TYPE, LIVE VIRUS	279			
1761.A1	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196			
1762.10	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196			
1762.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	279			
1762.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	279			
1762.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	196	279		
1762.1H	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279			
1768.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196			
1771.11	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	112	196	279	286
1771.12	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	112	165A	196	279

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
1771.14	B1 TYPE, LASOTA STRAIN, MASS & CONN TYPES, LIVE VIRUS	226	279			
1771.17	B1 TYPE, LASOTA STRAIN, MASS & CONN TYPES, LIVE VIRUS	165A	196	279		
1771.18	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS	196	226	279	286	
1771.19	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS	226				
1771.1A	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS	196				
1775.10	MASS TYPE, KILLED VIRUS	112	196	286	368	
1776.10	MASS TYPE, KILLED VIRUS	112				
1785.10	MASS & ARK TYPES, KILLED VIRUS	196				
1785.11	MASS TYPE, KILLED VIRUS	196				
1785.12	MASS & ARK TYPES, KILLED VIRUS	279				
1791.14	B1 TYPE, B1 STRAIN, MASS TYPE & CONN TYPE, LIVE VIRUS	286				
1791.15	B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS	286				
1791.19	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS	286				
1791.1X	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS	286				
17A1.1M	B1 TYPE, B1 STRAIN, MASS & ARK TYPES, LIVE VIRUS	112	165A	196	226	279
17A2.1M	B1 TYPE, B1 STRAIN, MASS & ARK TYPES, LIVE VIRUS	226	279			
17A3.1M	B1 TYPE, B1 STRAIN, MASS & ARK TYPES, LIVE VIRUS	196				
17B1.17	B1 TYPE, LASOTA STRAIN, MASS & CONN TYPES, LIVE VIRUS	286				
17V1.10	VG/GA STRAIN, MASS & CONN TYPES, LIVE VIRUS	279				
17V1.11	VG/GA STRAIN, MASS & CONN TYPES, LIVE VIRUS	279				
1XB1.10	B1 TYPE, C2 STRAIN, MASS TYPE, LIVE VIRUS	286				

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1XC1.10	B1 TYPE, C2 STRAIN, MASS & CONN TYPES, LIVE VIRUS	286
<u>NEWCASTLE-PARAMYXOVIRUS VACCINE</u>		
17P5.10	TYPE 3, KILLED VIRUS	196
<u>NEOSPORA CANINUM VACCINE</u>		
1N11.00	KILLED PROTOZOA	286
<u>OVINE ECTHYMA VACCINE</u>		
1821.00	LIVE VIRUS	188
1821.50	LIVE VIRUS	286 393
<u>PACHECO'S DISEASE VACCINE</u>		
18C5.00	KILLED VIRUS	368
<u>PARAINFLUENZA 3 VACCINE</u>		
1841.00	MODIFIED LIVE VIRUS	188
1841.20	MODIFIED LIVE VIRUS	213
<u>PARVOVIRUS VACCINE</u>		
18M1.20	MODIFIED LIVE VIRUS	124 165A 286 292 462 472
18M1.21	MODIFIED LIVE VIRUS	112 189 286 462
18M1.22	MODIFIED LIVE VIRUS	112 189 298
18M1.23	MODIFIED LIVE VIRUS	112 189
18M1.25	MODIFIED LIVE VIRUS	112
18M1.29	MODIFIED LIVE VIRUS	112
18M5.20	KILLED VIRUS	462
18M5.21	KILLED VIRUS	189

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
18P5.00	KILLED VIRUS	112				
18P5.20	KILLED VIRUS	124	189	286	298	303
18P5.21	KILLED VIRUS	112				
<u>PASTEURELLA MULTOCIDA VACCINE</u>						
1871.01	AVIRULENT LIVE CULTURE, AVIAN ISOLATE	165A	196	286	368	
1871.02	AVIRULENT LIVE CULTURE, AVIAN ISOLATE	165A	196	286	337	368
1871.03	AVIRULENT LIVE CULTURE, AVIAN ISOLATE	165A	337	368		
1871.04	AVIRULENT LIVE CULTURE, AVIAN ISOLATE	165A	286			
1871.06	AVIRULENT LIVE CULTURE, BOVINE ISOLATE	323				
<u>PIGEON POX VACCINE</u>						
1881.10	LIVE VIRUS	165A	196	226	279	286
1881.11	LIVE VIRUS	196				
1881.12	LIVE VIRUS	196				
<u>PORCINE REPRODUCTIVE &amp; RESPIRATORY SYNDROME VACCINE</u>						
19Q1.20	REPRODUCTIVE FORM, MODIFIED LIVE VIRUS	165A				
19S1.20	RESPIRATORY FORM, MODIFIED LIVE VIRUS	112	124			
19S1.21	RESPIRATORY FORM, MODIFIED LIVE VIRUS	124				
19S5.20	REPRODUCTIVE FORM, KILLED VIRUS	286				
19T1.20	REPRODUCTIVE & RESPIRATORY FORM, MODIFIED LIVE VIRUS	124	165A			
<u>PORCINE ROTAVIRUS VACCINE</u>						
19E1.20	MODIFIED LIVE VIRUS	286				
19E1.21		286				
19E5.20	KILLED VIRUS	165A	286			

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>PORCINE ROTAVIRUS-TRANSMISSIBLE GASTROENTERITIS VACCINE</u>		
19H1.20	MODIFIED LIVE VIRUS	286
19H5.20	KILLED VIRUS	286
<u>PSEUDORABIES VACCINE</u>		
1891.20	MODIFIED LIVE VIRUS	112    124    189
1891.21	MODIFIED LIVE VIRUS	189
1891.22	MODIFIED LIVE VIRUS	189
1891.R0	MODIFIED LIVE VIRUS	286
1891.R2	MODIFIED LIVE VIRUS	165A    286
1891.R4	MODIFIED LIVE VIRUS	286
1895.00	KILLED VIRUS	112    124
1895.20	KILLED VIRUS	189    286
1895.21	KILLED VIRUS	286
<u>PSEUDORABIES-SWINE INFLUENZA VACCINE</u>		
1899.R0	MODIFIED LIVE & KILLED VIRUS	165A
<u>QUAIL POX VACCINE</u>		
18E1.10	LIVE VIRUS	368
<u>RABIES VACCINE</u>		
1901.R0	LIVE VIRUS VACCINIA VECTORED	298
1901.R1	LIVE CANARYPOX VECTOR	298
1905.20	KILLED VIRUS	107    112    286    298
1905.21	KILLED VIRUS	107    112    286    298
1905.22	KILLED VIRUS	298
1905.23	KILLED VIRUS	112    298

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1905.24	KILLED VIRUS	189 298
1905.51	KILLED VIRUS	421
1905.55	KILLED VIRUS	421

RIEMERELLA ANATIPESTIFER VACCINE

1811.00	AVIRULENT LIVE CULTURE	268
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SALMONELLA CHOLERAESUIS VACCINE

19A1.00	AVIRULENT LIVE CULTURE	124 189 286 303 337 462
19A1.01	AVIRULENT LIVE CULTURE	124 337

SALMONELLA DUBLIN VACCINE

19D1.R0	LIVE CULTURE	112
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SALMONELLA TYPHIMURIUM VACCINE

19C1.00	LIVE CULTURE	112
19C1.01	LIVE CULTURE	196
19C1.02	LIVE CULTURE	196 368

SARCOCYSTIS NEURONA VACCINE

1SN5.20	KILLED PROTOZOA	112*
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STREPTOCOCCUS EQUI VACCINE

1831.00	LIVE CULTURE	112
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SWINE INFLUENZA VACCINE

19A5.10	KILLED VIRUS	165A 286
19A5.12	H1N1 & H3N2, KILLED VIRUS	286
19A5.13	H1N1, KILLED VIRUS	165A

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
19A5.22	H1N1, H3N2, KILLED VIRUS	112	189	303
19A5.24	H1N1 & H3N2, KILLED VIRUS	165A	189	
19A5.25	H3N2, KILLED VIRUS	165A		
19A5.26	H1N1 & H3N2, KILLED VIRUS	189		
19A5.42	H1N1 & H3N2, KILLED VIRUS	165A		
<u>TENOSYNOVITIS VACCINE</u>				
1951.01	MODIFIED LIVE VIRUS	112	196	286
1951.02	MODIFIED LIVE VIRUS	165A	286	
1951.03	MODIFIED LIVE VIRUS	279		
1951.10	LIVE VIRUS	226	286	
1951.11	MODIFIED LIVE VIRUS	112		
1952.01	MODIFIED LIVE VIRUS	279		
1955.00	KILLED VIRUS	368		
<u>TRANSMISSIBLE GASTROENTERITIS VACCINE</u>				
1961.00	MODIFIED LIVE VIRUS	213		
1961.20	MODIFIED LIVE VIRUS	112	286	
1965.20	KILLED VIRUS	286		
<u>TRICHOMONAS FOETUS VACCINE</u>				
1859.00	KILLED PROTOZOA	112		
1859.01	KILLED PROTOZOA	329		
1859.02	KILLED PROTOZOA	329		
1859.03	KILLED PROTOZOA	329		
<u>TRICHOPHYTON VERROCOSUM VACCINE</u>				
1991.00		285A		

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>WART VACCINE</u>	
1985.50	KILLED VIRUS	188      286      303      368
	<u>WEST NILE VIRUS VACCINE</u>	
1991.R0	LIVE CANARYPOX VECTOR	298
1995.20	KILLED VIRUS	112

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>ACTINOBACILLUS PLEUROPNEUMONIAE BACTERIN</u>		
2657.00		112    286    298    301    315
2657.01		303
2657.02		189
<u>ACTINOBACILLUS PLEUROPNEUMONIAE-BORDETELLA BRONCHISEPTICA- ERYSIPEROLOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PARASUIS-PASTEURELLA MULTOCIDA BACTERIN</u>		
2110.00		303
<u>ACTINOBACILLUS PLEUROPNEUMONIAE-BORDETELLA BRONCHISEPTICA- ERYSIPEROLOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN</u>		
2107.00		189
<u>ACTINOBACILLUS PLEUROPNEUMONIAE-ERYSIPEROLOTHRIX RHUSIOPATHIAE BACTERIN</u>		
2640.00		165A    286    315
<u>ACTINOBACILLUS PLEUROPNEUMONIAE-ERYSIPEROLOTHRIX RHUSIOPATHIAE- HAEMOPHILUS PARASUIS BACTERIN</u>		
264C.00		165A
<u>ACTINOBACILLUS PLEUROPNEUMONIAE-ERYSIPEROLOTHRIX RHUSIOPATHIAE- STREPTOCOCCUS SUIS BACTERIN</u>		
264B.00		286
<u>ACTINOBACILLUS PLEUROPNEUMONIAE-HAEMOPHILUS PARASUIS BACTERIN</u>		
2A74.00		165A
<u>ACTINOBACILLUS PLEUROPNEUMONIAE-HAEMOPHILUS PARASUIS-PASTEURELLA MULTOCIDA BACTERIN</u>		
2674.00		303

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>ACTINOBACILLUS PLEUROPNEUMONIAE-PASTEURELLA MULTOCIDA BACTERIN</u>		
265H.01		303
<u>AEROMONAS SALMONICIDA BACTERIN</u>		
2672.00		286
<u>AEROMONAS SALMONICIDA-VIBRIO ANGUILLARUM BACTERIN</u>		
2035.00		285 335
2035.01		335
2035.02		335
<u>AEROMONAS SALMONICIDA-VIBRIO ANGUILLARUM-ORDALII-SALMONICIDA BACTERIN</u>		
2138.00		335
2138.01		335
2138.02		335
<u>AEROMONAS SALMONICIDA-VIBRIO ANGUILLARUM SALMONICIDA BACTERIN</u>		
2137.00		285
<u>AEROMONAS SALMONICIDA-VIBRIO ANGUILLARUM-SALMONICIDA VISCOSUS BACTERIN</u>		
2139.00		285
<u>ARCANOBACTERIUM PYOGENES-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN</u>		
2633.00		286

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>AUTOGENOUS BACTERIN</u>						
2051.00		112	124	188	196	213
		245	268	279	285	286
		290	301	303	315	323
		335	337	343	355	357
		364	365	368	407	455
2051.01		303	455			
2051.04		196	286			
2051.B0		604				
2051.I0		604				
<u>AUTOGENOUS BACTERIAL EXTRACT</u>						
2052.00		365				
2052.01		365				
<u>BACTEROIDES NODOSUS BACTERIN</u>						
2080.00		311				
<u>BORDETELLA AVIUM BACTERIN</u>						
2039.00		286				
<u>BORDETELLA BRONCHISEPTICA BACTERIN</u>						
2100.00		462				
2100.01		189	298			
<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE- ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN</u>						
2106.00		286				
2106.01		112				

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPEROLOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN</u>			
2101.00		165A	286	298
2101.01		286		
	<u>BORDETELLA BRONCHISEPTICA-ESCHERICHIA COLI BACTERIN</u>			
2112.01		298		
	<u>BORDETELLA BRONCHISEPTICA-PASTEURELLA MULTOCIDA BACTERIN</u>			
2108.00		165A		
2109.00		286		
	<u>BORRELIA BURGDORFERI BACTERIN</u>			
2126.00		112	165A	
2126.01		112		
	<u>BORRELIA BURGDORFERI BACTERIAL EXTRACT</u>			
2126.02		112		
2126.R0		286	298	
	<u>CAMPYLOBACTER FETUS BACTERIN</u>			
2861.00	OVINE ISOLATES	188		
2862.00		286	303	
2862.10		188	189	303
	<u>CAMPYLOBACTER FETUS-CHLAMYDIA PSITTACI BACTERIN</u>			
2119.00		188		
	<u>CAMPYLOBACTER FETUS-JEJUNI BACTERIN</u>			
2860.00		407*		

\* CONDITIONAL LICENSE

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>					
2863.00		124	188	286	303
2863.01		189	303	462	
2863.02		189	462		
2863.03		303			
2863.04		303			
2863.10		112			
<u>CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA-CLOSTRIDIUM HAEMOLYTICUM BACTERIN</u>					
2864.00		286			
<u>CAMPYLOBACTER FETUS-LEPTOSPIRA POMONA BACTERIN</u>					
2865.00		286			
<u>CHLAMYDIA PSITTACI BACTERIN</u>					
2120.00		188			
<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN</u>					
2401.00		213	286		
2401.01		188			
<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN</u>					
2460.00		286			
2460.01		188			
<u>CLOSTRIDIUM HAEMOLYTICUM BACTERIN</u>					
2465.00		188	286		
2465.01		213			

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
	<u>EDWARDIELLA ICTALURI BACTERIN</u>					
2637.00		335				
	<u>EHRLICHIA RISTICII BACTERIN</u>					
2639.00		112	165A	286	298	329
	<u>ERYSIPLOTHRIX RHUSIOPATHIAE BACTERIN</u>					
2641.00		112	124	188	189	286
		298	303			
2641.01		112	124	189	286	303
2641.02		112	189	286		
2641.03		286				
	<u>ERYSIPLOTHRIX RHUSIOPATHIAE-ESCHERICHIA COLI BACTERIN</u>					
26A6.00		124				
	<u>ERYSIPLOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PARASUIS BACTERIN</u>					
2646.00		124				
2646.01		124				
	<u>ERYSIPLOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PARASUIS-MYCOPLASMA HYOPNEUMONIAE BACTERIN</u>					
2A46.00		124	286			
	<u>ERYSIPLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA BRATISLAVA-CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>					
2543.00		112				
	<u>ERYSIPLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>					
2642.00		124	189	303		
2642.01		124	189			

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>ERYSIPELOTHRIX RHUSIOPATHIAE-MYCOPLASMA HYOPNEUMONIAE BACTERIN</u>		
2A41.00		189 286
2A41.01		189
<u>ESCHERICHIA COLI BACTERIN</u>		
2648.00		124 286 303 303 357
2648.01		213
2648.07		303
2648.43		165A
2648.46		196
2648.51		286
2648.53		303
2648.55		298
2648.56		286
2648.60		279
2648.62		165A
26R8.56		189
26R8.62		112
26R8.E2		112
<u>ESCHERICHIA COLI-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM BACTERIN</u>		
2651.00		290
<u>ESCHERICHIA COLI-RIEMERELLA ANATIPESTIFER BACTERIN</u>		
2850.00		268
<u>FLAVOBACTERIUM COLUMNARE BACTERIN</u>		
2974.00		335

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>FUSOBACTERIUM NECROPHORUM BACTERIN</u>						
2556.00		286	303			
<u>HAEMOPHILUS PARAGALLINARUM BACTERIN</u>						
2658.00		196	286			
2658.11		112				
2658.12		196				
<u>HAEMOPHILUS PARASUIS BACTERIN</u>						
2652.00		112	124	165A	286	303
2652.01		124				
<u>HAEMOPHILUS PARASUIS-MYCOPLASMA HYOPNEUMONIAE BACTERIN</u>						
2565.00		112	165A			
2565.01		112				
<u>HAEMOPHILUS SOMNUS BACTERIN</u>						
2659.00		112	124	189	286	303
2659.01		189	303	462		
<u>HAEMOPHILUS SOMNUS-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>						
2664.00		124				
<u>HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>						
2663.00		124				
<u>HAEMOPHILUS SOMNUS-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN</u>						
2660.00		124				

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
	<u>LEPTOSPIRA BRATISLAVA-CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>					
2680.00		112	189			
<u>LEPTOSPIRA CANICOLA BACTERIN</u>						
2661.00			188			
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE - POMONA BACTERIN</u>					
2665.00		124	213	286	298	303
2665.01		112	188	189	303	462
2665.02		112	189		462	
2665.04			303			
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE - POMONA-STAPHYLOCOCCUS AUREUS-BACTERIN</u>					
2666.00		124				
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-ICTEROHAEMORRHAGIAE - POMONA BACTERIN</u>					
2668.00		112				
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>					
2671.00		112	188	189	213	286
		462				
2671.01		112	298			
2671.02		112				
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE - POMONA BACTERIN</u>					
2673.00		213				

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>LEPTOSPIRA GRIPPOTYPHOSA BACTERIN</u>		
2675.00		188
<u>LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>		
2681.00		188
<u>LEPTOSPIRA GRIPPOTYPHOSA-POMONA BACTERIN</u>		
2678.00		112
<u>LEPTOSPIRA HARDJO BACTERIN</u>		
26M7.00		189
26M7.01		189 189A 462A
<u>LEPTOSPIRA HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
26A8.00		298
<u>LEPTOSPIRA ICTEROHAEMORRHAGIAE BACTERIN</u>		
2874.00		189
<u>LEPTOSPIRA POMONA BACTERIN</u>		
2691.00	124 298	188 189 213 286
2691.01		286
<u>MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN</u>		
2700.00		188
<u>MORAXELLA BOVIS BACTERIN</u>		
2772.00	124	286 303 355
2772.01		286
2772.03		165A

BACTERINS & BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
2772.04		165A				
2772.B0		604				
2772.I0		604				
<u>MYCOBACTERIUM PARATUBERCULOSIS BACTERIN</u>						
2773.00		112				
<u>MYCOPLASMA BOVIS BACTERIN</u>						
2760.00		315	368			
2760.01		290				
<u>MYCOPLASMA GALLISEPTICUM BACTERIN</u>						
2774.00		112	196	286		
<u>MYCOPLASMA HYOPNEUMONIAE BACTERIN</u>						
2775.00		112	124	189	286	298
		303	329			
2775.01		112	124	165A	189	286
		303	329			
2775.02		112	286	303		
2775.03		455				
<u>MYCOPLASMA SYNOVIAE BACTERIN</u>						
2776.00		112				
<u>PASTEURELLA MULTOCIDA BACTERIN</u>						
2701.01	PORCINE ISOLATES	286				
2701.22	BOVINE & PORCINE ISOLATES	188				
2702.13	AVIAN ISOLATES, TYPES 1, 3 & 4	112	196	368		
2702.15	AVIAN ISOLATES, TYPES 1, 3 & 4	196				

BACTERINS & BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
2703.15	AVIAN ISOLATES, TYPES 1,3,4 & 3X4	196 286
2703.17	AVIAN ISOLATES, TYPES 1,3 & 4, TYPE 3 X 4	196
2703.18	AVIAN ISOLATES, TYPES 1,3,4 & 3X4	196
2704.00	AVIAN ISOLATES, TYPES 1 & 3X4	196
2705.01	AVIAN ISOLATES, TYPES 1,3,4 & 3X4	368
2705.02	AVIAN ISOLATES, TYPES 1,3,4 & 3X4	112

PSEUDOMONAS AERUGINOSA BACTERIN

2735.00	245
2735.02	245

RAM EPIDIDYMITIS BACTERIN

2771.00	188
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RIEMERELLA ANATIPESTIFER BACTERIN

2698.00	268
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SALMONELLA CHOLERAESUIS BACTERIN

2781.00	303
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SALMONELLA CHOLERAESUIS-TYPHIMURIUM BACTERIN

2791.00	286 303 315
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SALMONELLA DUBLIN-TYPHIMURIUM BACTERIN

2821.00	188 286 303 315
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SALMONELLA ENTERITIDIS BACTERIN

2785.00	112 196 368
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## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>SALMONELLA TYPHIMURIUM BACTERIN</u>	
2825.00		303
2825.01		368
	<u>SERPULINA HYODYSENTERIAE BACTERIN</u>	
2857.00		286
2857.01		286
	<u>SERPENS SPECIES BACTERIN</u>	
21B5.00		407*
	<u>STAPHYLOCOCCUS AUREUS BACTERIN</u>	
2852.00		124
	<u>STREPTOCOCCUS EQUI BACTERIN</u>	
2855.00		112
	<u>STREPTOCOCCUS EQUI BACTERIAL EXTRACT</u>	
2856.00		124 286
	<u>STREPTOCOCCUS EQUISIMILIS BACTERIN</u>	
2830.00		303
	<u>STREPTOCOCCUS SUIS BACTERIN</u>	
2840.00		286 301
2840.01		303
	<u>TREPONEMA BACTERIN</u>	
21C5.00		303

\* CONDITIONAL LICENSE

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
<u>VIBRIO ANGUILLARUM-ORDALII BACTERIN</u>			
2858.02		285	335
2858.03		335	
<u>VIBRIO ANGUILLARUM-SALMONICIDA BACTERIN</u>			
2868.00		285	
<u>VIBRIO SALMONICIDA BACTERIN</u>			
2870.00		285	
<u>YERSINIA RUCKERI BACTERIN</u>			
2638.00		285	335
2638.01		285	
2638.02		285	

## ANTISERUM

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
	<u>ARCANOBACTERIUM PYOGENES-ESCHERICHIA COLI-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTIBODY</u>					
3391.00	BOVINE ORIGIN	188	303			
	<u>ARCANOBACTERIUM PYOGENES-ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM</u>					
3400.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	124				
	<u>ARCANOBACTERIUM PYOGENES-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA ANTIBODY</u>					
3414.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN	188				
	<u>BOVINE CORONAVIRUS-ESCHERICHIA COLI ANTIBODY</u>					
36B5.00	BOVINE ORIGIN	327				
	<u>BOVINE IgG</u>					
3606.00		328	347	363	370	379
		395	396	404		
3606.01		379				
	<u>BOVINE IgG-ESCHERICHIA COLI ANTIBODY</u>					
3610.00	BOVINE ORIGIN	395	396			
	<u>CANINE LYMPHOMA MONOCLONAL ANTIBODY</u>					
3405.00		312				
	<u>DUCK VIRUS HEPATITIS ANTIBODY</u>					
3508.00	CHICKEN ORIGIN	268				
	<u>EQUINE IgG</u>					
3607.00		318	328	347	360	411
		614				
3607.01		318	328	360		

## ANTISERUM

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>EQUINE IgG-RHODOCOCCUS EQUI ANTIBODY</u>		
3900.00	EQUINE ORIGIN	360
<u>ERYSIPEROLOTHRIX RHUSIOPATHIAE ANTIBODY</u>		
3511.00	EQUINE ORIGIN	188      303
<u>ESCHERICHIA COLI ANTIBODY</u>		
3524.00	BOVINE ORIGIN	341      370      395      396
3524.01	BOVINE ORIGIN	370
3526.00	EQUINE ORIGIN	124      289B      303
3526.03	EQUINE ORIGIN	303
3526.B0	BOVINE ORIGIN	312
<u>NORMAL SERUM</u>		
3602.00	EQUINE ORIGIN	188
<u>RHODOCOCCUS EQUI ANTIBODY</u>		
3750.00	EQUINE ORIGIN	318*      360
<u>SALMONELLA TYPHIMURIUM ANTIBODY</u>		
3850.00	EQUINE ORIGIN	345
<u>WEST NILE VIRUS ANTIBODY</u>		
3995.00	EQUINE ORIGIN	318*

\* CONDITIONAL LICENSE

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>AUTOGENOUS VACCINE-AUTOGENOUS BACTERIN</u>		
4500.00	KILLED VIRUS	196 303 368 455
4500.01	KILLED VIRUS	303
4500.10	KILLED VIRUS	286
4500.20	KILLED VIRUS	455
<u>BOVINE CORONAVIRUS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI BACTERIN-TOXOID</u>		
4555.20	KILLED VIRUS	303
<u>BOVINE RESPIRATORY SYNCYTIAL VIRUS VACCINE-HAEMOPHILUS SOMNUS BACTERIN</u>		
40A5.20	KILLED VIRUS	124
40A6.20	MODIFIED LIVE VIRUS	189
<u>BOVINE RHINOTRACHEITIS VACCINE-HAEMOPHILUS SOMNUS-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM BACTERIN-TOXOID</u>		
4109.20	KILLED VIRUS	290
<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
4019.00	MODIFIED LIVE VIRUS	112 188
4019.20	MODIFIED LIVE VIRUS	303
<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>		
4059.00	MODIFIED LIVE VIRUS	188
<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA POMONA BACTERIN</u>		
4089.00	MODIFIED LIVE VIRUS	188 213
4089.01	MODIFIED LIVE VIRUS	286

## VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
4089.20	MODIFIED LIVE VIRUS	124      213      286      298
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS BACTERIN</u>	
4139.20	MODIFIED LIVE VIRUS	124      189
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN</u>	
4165.00	KILLED VIRUS	124
4169.20	MODIFIED LIVE VIRUS	124
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4129.00	MODIFIED LIVE VIRUS	188      213
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
4179.00	MODIFIED LIVE VIRUS	188
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4209.00	MODIFIED LIVE VIRUS	188      213
4209.20	MODIFIED LIVE VIRUS	286
4209.31	MODIFIED LIVE VIRUS	286
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN</u>	
4265.00	KILLED VIRUS	124
	<u>BOVINE RHINOTRACHEITIS-RESPIRATORY SYNCYTIAL VIRUS VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4277.21	MODIFIED LIVE VIRUS	189

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA-BACTERIN</u>		
4145.20	KILLED VIRUS	303
4145.21	KILLED VIRUS	213
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-HAEMOPHILUS SOMNUS-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM-BACTERIN-TOXOID</u>		
43T5.20	KILLED VIRUS	290
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
4335.20	KILLED VIRUS	213 286
4336.30	KILLED VIRUS	213
4339.00	MODIFIED LIVE VIRUS	188 213
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>		
4359.00	MODIFIED LIVE VIRUS	188
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA POMONA BACTERIN</u>		
4385.20	KILLED VIRUS	286
4389.00	MODIFIED LIVE VIRUS	188 213 286
4389.20	MODIFIED LIVE VIRUS	124 286 298
4389.21	MODIFIED LIVE VIRUS	124
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
4560.20	MODIFIED LIVE VIRUS	462
4560.22	MODIFIED LIVE VIRUS	189

## VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
4560.25	MODIFIED LIVE VIRUS		189			
4565.20	KILLED VIRUS		112			
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS BACTERIN</u>						
44H5.20	KILLED VIRUS		124			
44H9.20	MODIFIED LIVE VIRUS	189	462			
44H9.30	MODIFIED LIVE VIRUS	124	189			
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>						
4489.30	MODIFIED LIVE VIRUS	124				
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN</u>						
4459.30	MODIFIED LIVE VIRUS	124				
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>						
4435.20	KILLED VIRUS	112	189	303	462	
4435.21	KILLED VIRUS	112				
4439.00	MODIFIED LIVE VIRUS	188	213			
4439.20	MODIFIED LIVE VIRUS	112	213	298	462	
4439.30	MODIFIED LIVE VIRUS	124	286			
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>						
4479.00	MODIFIED LIVE VIRUS	188				

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA BACTERIN</u>		
4509.00	MODIFIED LIVE VIRUS	188 213
4509.20	MODIFIED LIVE VIRUS	286
4509.30	MODIFIED LIVE VIRUS	286
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE-CAMPYLOBACTER FETUS-HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
44M5.20	KILLED VIRUS	303
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE,CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE - POMONA BACTERIN</u>		
44B1.21	MODIFIED LIVE VIRUS	189
44B1.25	MODIFIED LIVE VIRUS	189
44B6.20	KILLED VIRUS	303
44B6.21	KILLED VIRUS	303
44B9.21	MODIFIED LIVE & KILLED VIRUS	213
44B9.22	MODIFIED LIVE & KILLED VIRUS	189
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE-ESCHERICHIA COLI-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE - POMONA BACTERIN</u>		
4A65.20	KILLED VIRUS	298
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE-HAEMOPHILUS SOMNUS BACTERIN</u>		
44C5.20	KILLED VIRUS	303
44C7.20	KILLED VIRUS	112
44C9.20	MODIFIED LIVE VIRUS	124 189
44C9.21	MODIFIED LIVE VIRUS	124

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
44C9.23	MODIFIED LIVE VIRUS	124
44C9.24	MODIFIED LIVE VIRUS	124
44D5.20	KILLED VIRUS	124
44E7.20	KILLED VIRUS	189      462
44F9.20	MODIFIED LIVE & KILLED VIRUS	124

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-  
RESPIRATORY SYNCYTIAL VIRUS VACCINE-HAEMOPHILUS SOMNUS-LEPTOSPIRA  
CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN

44D7.20	KILLED VIRUS	112	124	189	303	462
44D9.20	MODIFIED LIVE VIRUS	124				
44D9.21	MODIFIED LIVE VIRUS	124				
44D9.23	MODIFIED LIVE VIRUS	124				
44D9.24	MODIFIED LIVE VIRUS	124				

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-  
RESPIRATORY SYNCYTIAL VIRUS VACCINE-HAEMOPHILUS SOMNUS-MANNHEIMIA  
HAEMOLYTICA BACTERIN

4477.20	KILLED VIRUS	112
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BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-  
RESPIRATORY SYNCYTIAL VIRUS VACCINE-LEPTOSPIRA CANICOLA-  
GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN

4461.20	MODIFIED LIVE VIRUS	112	124	213		
4461.21	MODIFIED LIVE VIRUS	189				
4461.25	MODIFIED LIVE VIRUS	189				
4465.20	KILLED VIRUS	112	124	189	298	462
4465.21	KILLED VIRUS	112				
4466.20	KILLED VIRUS	303				
4466.21	KILLED VIRUS	303				
4469.00	MODIFIED LIVE VIRUS	213				

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
4469.01	MODIFIED LIVE VIRUS	124
4469.20	MODIFIED LIVE & KILLED VIRUS	213
4469.22	MODIFIED LIVE & KILLED VIRUS	112 189
4469.23	MODIFIED LIVE & KILLED VIRUS	124
4469.24	MODIFIED LIVE VIRUS	124
4469.25	MODIFIED LIVE VIRUS & KILLED VIRUS	189
4469.30	MODIFIED LIVE & KILLED VIRUS	213
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA-MANNHEIMIA HAEMOLYTICA BACTERIN</u>		
4475.20	KILLED VIRUS	112
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE-MANNHEIMIA HAEMOLYTICA BACTERIN</u>		
44A5.20	KILLED VIRUS	112
4X49.20	MODIFIED LIVE VIRUS	112
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>		
45B9.20	MODIFIED LIVE VIRUS	124
45B9.21	MODIFIED LIVE VIRUS	124
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-RESPIRATORY SYNCYTIAL VIRUS VACCINE-LEPTOSPIRA POMONA BACTERIN</u>		
4367.20	MODIFIED LIVE VIRUS	213
4367.21	MODIFIED LIVE VIRUS	189
4367.25	MODIFIED LIVE VIRUS	189
4367.30	MODIFIED LIVE VIRUS	213

## VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
<u>BOVINE ROTA-CORONAVIRUS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI BACTERIN-TOXOID</u>			
4570.20	KILLED VIRUS	189	303
<u>BOVINE ROTA-CORONAVIRUS VACCINE-ESCHERICHIA COLI BACTERIN</u>			
4585.20	KILLED VIRUS	189	
<u>BOVINE ROTAVIRUS-CORONAVIRUS VACCINE-CLOSTRIDIUM PERFRINGENS TYPES C&amp;D-ESCHERICHIA COLI BACTERIN-TOXOID</u>			
4575.20	KILLED VIRUS	165A	
<u>BOVINE VIRUS DIARRHEA VACCINE-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>			
45B5.21	KILLED VIRUS	189	
<u>BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>			
4595.21	KILLED VIRUS	112	189
4595.25	KILLED VIRUS	189	
<u>BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA POMONA BACTERIN</u>			
4599.00	MODIFIED LIVE VIRUS	188	
<u>BURSAL DISEASE-NEWCASTLE DISEASE VACCINE-PASTEURELLA MULTOCIDA BACTERIN</u>			
4635.40	KILLED VIRUS, AVIAN ISOLATES, TYPES 1, 3 & 4	196	
<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>			
4605.20	KILLED VIRUS	189	462
4608.20	MODIFIED LIVE & KILLED VIRUS	189	462
<u>CANINE CORONAVIRUS VACCINE-BORRELIA BURGDORFERI BACTERIN</u>			
47A5.20	KILLED VIRUS	112	

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE CORONAVIRUS VACCINE-BORRELIA BURGDORFERI-LEPTOSPIRA BACTERIN</u>		
47E5.20	KILLED VIRUS	112
47E5.21	KILLED VIRUS	112
<u>CANINE CORONAVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
46E5.20	KILLED VIRUS	112 286
46E5.21	KILLED VIRUS	112
46E5.22	KILLED VIRUS	112
46E5.23	KILLED VIRUS	112
<u>CANINE CORONAVIRUS VACCINE-LEPTOSPIRA ICTEROHAEMORRHAGIAE BACTERIN</u>		
46D5.27	KILLED VIRUS	112
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS VACCINE-BORRELIA BURGDORFERI BACTERIN</u>		
47C5.20	MODIFIED LIVE & KILLED VIRUS	112
47C5.29	MODIFIED LIVE & KILLED VIRUS	112
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS VACCINE-BORRELIA BURGDORFERI BACTERIAL EXTRACT</u>		
4807.R0	MODIFIED LIVE VIRUS, CANARYPOX VECTOR	298
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS VACCINE-BORRELIA BURGDORFERI-LEPTOSPIRA BACTERIN</u>		
46B9.20	MODIFIED LIVE & KILLED VIRUS	112
46B9.21	MODIFIED LIVE & KILLED VIRUS	112
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
46J7.20	MODIFIED LIVE & KILLED VIRUS	112 165A 189
46J7.21	MODIFIED LIVE & KILLED VIRUS	112

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
46J7.22	MODIFIED LIVE & KILLED VIRUS	189
46J9.20	MODIFIED LIVE & KILLED VIRUS	286
46J9.21	MODIFIED LIVE & KILLED VIRUS	112 286
46J9.22	MODIFIED LIVE & KILLED VIRUS	112
46J9.23	MODIFIED LIVE & KILLED VIRUS	112
46J9.24	MODIFIED LIVE & KILLED VIRUS	112
46J9.25	MODIFIED LIVE & KILLED VIRUS	112
46J9.26	MODIFIED LIVE & KILLED VIRUS	112
46J9.27	MODIFIED LIVE & KILLED VIRUS	112
46J9.29	MODIFIED LIVE & KILLED VIRUS	112
46J9.R1	MODIFIED LIVE VIRUS, CANARYPOX VECTOR	298

CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA ICTEROHAEMORRHAGIAE BACTERIN

46L9.27	MODIFIED LIVE & KILLED VIRUS	112
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CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS-RABIES VACCINE, LEPTOSPIRA BACTERIN

4699.R0	MODIFIED LIVE & KILLED VIRUS, CANARYPOX VECTOR	298
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CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARVOVIRUS VACCINE-LEPTOSPIRA ICTEROHAEMORRHAGIAE BACTERIN

46P9.27	MODIFIED LIVE & KILLED VIRUS	112
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CANINE DISTEMPER-ADENOVIRUS TYPE 2-HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN

46A9.20	MODIFIED LIVE & KILLED VIRUS	189 462
49A9.20	MODIFIED LIVE & KILLED VIRUS	189 462

## VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE-LEPTOSPIRA BACTERIN</u>		
4627.20	MODIFIED LIVE VIRUS	112
4627.21	MODIFIED LIVE VIRUS	112
4629.20	MODIFIED LIVE VIRUS	189
4629.27	MODIFIED LIVE VIRUS	112
4629.30	MODIFIED LIVE VIRUS	112
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN</u>		
4657.21	MODIFIED LIVE VIRUS	112
4657.30	MODIFIED LIVE & KILLED VIRUS	189 462
4659.20	MODIFIED LIVE VIRUS	189
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS VACCINE-BORDETELLA BRONCHISEPTICA BACTERIN</u>		
46E9.21	MODIFIED LIVE VIRUS	189
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS VACCINE-BORRELIA BURGDORFERI BACTERIAL EXTRACT</u>		
4707.R0	MODIFIED LIVE VIRUS, CANARYPOX VECTOR	298
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
4637.20	MODIFIED LIVE VIRUS	112 165A 189 286
4637.21	MODIFIED LIVE VIRUS	112 286
4637.22	MODIFIED LIVE VIRUS	189
4637.23	MODIFIED LIVE VIRUS	189
4637.29	MODIFIED LIVE VIRUS	112
4638.31	MODIFIED LIVE VIRUS	112
4639.21	MODIFIED LIVE VIRUS	112 189

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
4639.22	MODIFIED LIVE VIRUS	189
4639.23	MODIFIED LIVE VIRUS	112
4639.25	MODIFIED LIVE VIRUS	112
4639.26	MODIFIED LIVE VIRUS	112
4639.27	MODIFIED LIVE VIRUS	112
4639.40	MODIFIED LIVE & KILLED VIRUS	462
4639.R1	MODIFIED LIVE VIRUS, CANARYPOX VECTOR	298

CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS-RABIES VACCINE-LEPTOSPIRA BACTERIN

469A.R1	MODIFIED LIVE & KILLED VIRUS, CANARYPOX VECTOR	298
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CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN

4679.23	MODIFIED LIVE VIRUS	189
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CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN

4809.20	MODIFIED LIVE VIRUS	462
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CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN

47P9.20	MODIFIED LIVE & KILLED VIRUS	189
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47P9.22	MODIFIED LIVE VIRUS	124
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CANINE PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA BACTERIN

47A1.20	MODIFIED LIVE VIRUS	189
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ENCEPHALOMYELITIS VACCINE-EHRLICHIA RISTICII-TETANUS BACTERIN-TOXOID

4866.20	EASTERN & WESTERN, KILLED VIRUS	165A
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4B35.40	EASTERN & WESTERN, KILLED VIRUS	112
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VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
4B35.41	EASTERN & WESTERN, KILLED VIRUS	112
<u>ENCEPHALOMYELITIS-INFLUENZA VACCINE-EHRLICHIA RISTICII-TETANUS BACTERIN-TOXOID</u>		
4A35.40	EASTERN & WESTERN, KILLED VIRUS	165A
<u>ENCEPHALOMYELITIS-INFLUENZA VACCINE-TETANUS TOXOID</u>		
4835.20	EASTERN & WESTERN, KILLED VIRUS	107 112 124 165A
4835.21	EASTERN & WESTERN, KILLED VIRUS	112
4835.22	EASTERN & WESTERN, KILLED VIRUS	112
4835.23	EASTERN & WESTERN, KILLED VIRUS	112
4835.43	EASTERN & WESTERN, KILLED VIRUS	112 286 298
4835.44	EASTERN & WESTERN, KILLED VIRUS	286 298
4835.45	EASTERN & WESTERN, KILLED VIRUS	112 286
4835.46	EASTERN & WESTERN, KILLED VIRUS	112
4835.A1	EASTERN, WESTERN, KILLED VIRUS	112
4875.20	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	112
4875.21	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112
4875.22	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112
4875.23	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112
4875.A0	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107 112 124 286
<u>ENCEPHALOMYELITIS-RHINOPNEUMONITIS-INFLUENZA VACCINE-TETANUS TOXOID</u>		
4845.20	EASTERN & WESTERN, KILLED VIRUS	112
4845.21	EASTERN & WESTERN, KILLED VIRUS	112
4845.22	EASTERN & WESTERN, KILLED VIRUS	112
4845.23	EASTERN & WESTERN, KILLED VIRUS	112
4845.30	EASTERN & WESTERN, KILLED VIRUS	112 286

## VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
4845.31	EASTERN & WESTERN, KILLED VIRUS	286
4847.20	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	112
4847.21	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112
4847.22	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112
4847.23	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112
4847.30	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112      286

ENCEPHALOMYELITIS-RHINOPNEUMONITIS VACCINE-TETANUS TOXOID

4844.20	EASTERN & WESTERN, KILLED VIRUS	112
4844.21	EASTERN & WESTERN, KILLED VIRUS	112
4846.20	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112
4846.21	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112

ENCEPHALOMYELITIS VACCINE-TETANUS TOXOID

4865.00	EASTERN, WESTERN, KILLED VIRUS	165A    188    286
4865.20	EASTERN, WESTERN, KILLED VIRUS	107    112    124
4865.21	EASTERN & WESTERN, KILLED VIRUS	112
4865.22	EASTERN & WESTERN, KILLED VIRUS	112
4865.23	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107    112    124    286
4865.24	EASTERN, WESTERN, KILLED VIRUS	112
4865.25	EASTERN & WESTERN, KILLED VIRUS	112
4865.26	EASTERN & WESTERN, KILLED VIRUS	112
4867.20	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	112
4867.21	EASTERN, WESTERN & VENEZUELAN, KILLED VIRUS	112

ENCEPHALOMYELITIS-WEST NILE VIRUS VACCINE-TETANUS TOXOID

48W5.20	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	112
48W5.21	EASTERN & WESTERN, KILLED VIRUS	112

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
48W5.22	EASTERN & WESTERN, KILLED VIRUS	112
48W5.23	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	112
<u>EQUINE INFLUENZA VACCINE-STREPTOCOCCUS EQUI BACTERIAL EXTRACT</u>		
48D6.20	KILLED VIRUS	286
<u>EQUINE INFLUENZA VACCINE-TETANUS TOXOID</u>		
4895.20	KILLED VIRUS	286
<u>INFECTIOUS SALMON ANEMIA VIRUS VACCINE-AEROMONAS SALMONICIDA-VIBRIO ANGUILLARUM-ORDALII-SALMONICIDA BACTERIN</u>		
4A45.20	KILLED VIRUS	335
<u>MINK DISTEMPER VACCINE-CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>		
4919.00	MODIFIED LIVE VIRUS	245
<u>MINK DISTEMPER-ENTERITIS VACCINE,CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>		
4929.20	MODIFIED LIVE & KILLED VIRUS	165A
4929.30	MODIFIED LIVE & KILLED VIRUS	245
4929.31	MODIFIED LIVE & KILLED VIRUS	245
4929.32	MODIFIED LIVE & KILLED VIRUS	245
<u>MINK DISTEMPER-ENTERITIS VACCINE,CLOSTRIDIUM BOTULINUM TYPE C-PSEUDOMONAS AERUGINOSA BACTERIN-TOXOID</u>		
4949.20	MODIFIED LIVE & KILLED VIRUS	165A
4949.30	MODIFIED LIVE & KILLED VIRUS	245
4949.31	MODIFIED LIVE & KILLED VIRUS	245
4949.32	MODIFIED LIVE & KILLED VIRUS	245

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>MINK ENTERITIS VACCINE-CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>		
4955.20	KILLED VIRUS	165A 245
4955.21	KILLED VIRUS	245
4955.22	KILLED VIRUS	245
<u>MINK ENTERITIS VACCINE-CLOSTRIDIUM BOTULINUM TYPE C-PSEUDOMONAS AERUGINOSA BACTERIN-TOXOID</u>		
49A5.20	KILLED VIRUS	165A 245
49A5.21	KILLED VIRUS	245
49A5.22	KILLED VIRUS	245
<u>NEWCASTLE DISEASE-BRONCHITIS VACCINE-SALMONELLA ENTERITIDIS BACTERIN</u>		
48D7.10	MASS & ARK TYPES, KILLED VIRUS	196
48D7.11	MASS & ARK TYPES, KILLED VIRUS	196
<u>NEWCASTLE-BRONCHITIS VACCINE-MYCOPLASMA GALLISEPTICUM BACTERIN</u>		
48B5.10	MASS TYPE, KILLED VIRUS	196
48B6.10	MASS TYPE, KILLED VIRUS	112 286
<u>NEWCASTLE-BRONCHITIS VACCINE-MYCOPLASMA GALLISEPTICUM-SYNOVIAE BACTERIN</u>		
48C6.10	MASS TYPE, KILLED VIRUS	112
<u>NEWCASTLE-BRONCHITIS VACCINE-SALMONELLA ENTERITIDIS BACTERIN</u>		
48D6.10	MASS TYPE, KILLED VIRUS	112 286 368
<u>PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA BACTERIN</u>		
4989.00	MODIFIED LIVE VIRUS	188
<u>PARVOVIRUS VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE BACTERIN</u>		
4906.20	KILLED VIRUS	303

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>PARVOVIRUS VACCINE-ERYSIPLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA BRATISLAVA-CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>						
4BC5.20	KILLED VIRUS	112	165A	189	286	
4BC5.21	KILLED VIRUS	189	286			
<u>PARVOVIRUS VACCINE-ERYSIPLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA-CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>						
48C5.01	KILLED VIRUS	112				
48C5.20	KILLED VIRUS	124	165A	189	286	303
48C5.21	KILLED VIRUS	124	189	286	303	
<u>PARVOVIRUS VACCINE-ERYSIPLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA-PASTEURELLA MULTOCIDA BACTERIN</u>						
4915.20	KILLED VIRUS	298				
<u>PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>						
4960.00	MODIFIED LIVE VIRUS	124				
<u>PARVOVIRUS VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>						
4975.01	KILLED VIRUS	112				
4975.20	KILLED VIRUS	112	189	286	303	
4975.21	KILLED VIRUS	189	462			
4975.22	KILLED VIRUS	303				
<u>PARVOVIRUS-PSEUDORABIES VACCINE-ERYSIPLOTHRIX RHUSIOPATHIAE- LEPTOSPIRA BRATISLAVA-CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>						
4BA9.20	MODIFIED LIVE & KILLED VIRUS	112	189			

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PARVOVIRUS-PSEUDORABIES VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
48A9.20	MODIFIED LIVE & KILLED VIRUS	112 189
	<u>PARVOVIRUS-SWINE INFLUENZA VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA BRATISLAVA-CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
49F6.22	H1N1 & H3N2, KILLED VIRUS	189
	<u>PARVOVIRUS-SWINE INFLUENZA VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
49G6.22	H1N1 & H3N2, KILLED VIRUS	189
	<u>PORCINE REPRODUCTIVE &amp; RESPIRATORY SYNDROME VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE BACTERIN</u>	
41V9.20	RESPIRATORY FORM, MODIFIED LIVE VIRUS	124
	<u>PORCINE REPRODUCTIVE &amp; RESPIRATORY SYNDROME VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PARASUIS BACTERIN</u>	
49V9.20	RESPIRATORY FORM, MODIFIED LIVE VIRUS	124
	<u>PORCINE REPRODUCTIVE &amp; RESPIRATORY SYNDROME VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PARASUIS-MYCOPLASMA HYOPNEUMONIAE BACTERIN</u>	
49R9.20	RESPIRATORY FORM, MODIFIED LIVE VIRUS	124
	<u>PORCINE REPRODUCTIVE &amp; RESPIRATORY SYNDROME VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
41S1.20	REPRODUCTIVE FORM, MODIFIED LIVE VIRUS	124
41S1.21	REPRODUCTIVE FORM, MODIFIED LIVE VIRUS	124
	<u>PORCINE REPRODUCTIVE &amp; RESPIRATORY SYNDROME VACCINE-HAEMOPHILUS PARASUIS BACTERIN</u>	
49Q9.20	MODIFIED LIVE VIRUS	124

VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>PORCINE REPRODUCTIVE &amp; RESPIRATORY SYNDROME-PARVOVIRUS VACCINE- ERYSIPEROLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA BRATISLAVA-CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
49S1.20	REPRODUCTIVE FORM, MODIFIED LIVE & KILLED VIRUS	165A
<u>PORCINE REPRODUCTIVE &amp; RESPIRATORY SYNDROME-PARVOVIRUS VACCINE- ERYSIPEROLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA- HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
4P19.20	REPRODUCTIVE FORM, MODIFIED LIVE & KILLED VIRUS	124
4PS9.20	REPRODUCTIVE FORM, MODIFIED LIVE & KILLED VIRUS	165A
<u>PORCINE ROTAVIRUS VACCINE-BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM PERFRINGENS TYPE C-ERYSIPEROLOTHRIX RHUSIOPATHIAE-ESCHERICHIA COLI- PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>		
49Z9.20		286
<u>PORCINE ROTAVIRUS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C- ESCHERICHIA COLI BACTERIN-TOXOID</u>		
49C1.20	MODIFIED LIVE VIRUS	286
49C1.21	MODIFIED LIVE VIRUS	286
49C5.20	KILLED VIRUS	165A
<u>PORCINE ROTAVIRUS VACCINE-ESCHERICHIA COLI BACTERIN</u>		
49K1.20	MODIFIED LIVE VIRUS	286
<u>PORCINE ROTAVIRUS-TRANSMISSIBLE GASTROENTERITIS VACCINE-BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM PERFRINGENS TYPE C-ERYSIPEROLOTHRIX RHUSIOPATHIAE-ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>		
49T9.20	MODIFIED LIVE VIRUS	286
49T9.21	MODIFIED LIVE VIRUS	286

## VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>PORCINE ROTAVIRUS-TRANSMISSIBLE GASTROENTERITIS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI BACTERIN-TOXOID</u>		
49B1.20	MODIFIED LIVE VIRUS	286
49B1.21	MODIFIED LIVE VIRUS	286
<u>PORCINE ROTAVIRUS-TRANSMISSIBLE GASTROENTERITIS VACCINE-ESCHERICHIA COLI BACTERIN</u>		
49P1.20	MODIFIED LIVE VIRUS	286
<u>RABIES VACCINE-EHRLICHIA RISTICII BACTERIN</u>		
4905.20	KILLED VIRUS	286 298
<u>RABIES VACCINE-LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>		
4985.20	KILLED VIRUS	298
<u>SWINE INFLUENZA VACCINE-ERYSIPLOTHRIX RHUSIOPATHIAE BACTERIN</u>		
4993.20	H1N1 & H3N2, KILLED VIRUS	189
<u>SWINE INFLUENZA VACCINE-ERYSIPLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
49L6.22	H1N1 & H3N2, KILLED VIRUS	189
<u>SWINE INFLUENZA VACCINE-ERYSIPLOTHRIX RHUSIOPATHIAE-MYCOPLASMA HYOPNEUMONIAE BACTERIN</u>		
4994.20	H1N1 & H3N2, KILLED VIRUS	189
4994.21	H1N1 & H3N2, KILLED VIRUS	189
<u>SWINE INFLUENZA VACCINE-MYCOPLASMA HYOPNEUMONIAE BACTERIN</u>		
4995.00	KILLED VIRUS	165A
4995.22	H1N1 & H3N2, KILLED VIRUS	112 165A 189
4995.23	H1N1 & H3N2, KILLED VIRUS	189
4995.24	H1N1 & H3N2, KILLED VIRUS	189

## VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
49J9.00	MODIFIED LIVE VIRUS	213
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>	
49M9.20	MODIFIED LIVE VIRUS	112
	<u>TRICHOMONAS FOETUS-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4990.00		112

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ALEUTIAN DISEASE VIRUS COUNTERELECTROPHORESIS ANTIGEN</u>	
5001.20		245
	<u>ALEUTIAN DISEASE VIRUS COUNTERELECTROPHORESIS ANTIGEN</u>	
5001.02		245
5005.00		245
	<u>ANAPLASMA ANTIBODY TEST KIT</u>	
5002.00		336
5002.20	CELISA	332
	<u>AVIAN ENCEPHALOMYELITIS-BRONCHITIS-BURSAL DISEASE-NEWCASTLE DISEASE-REOVIRUS ANTIBODY TEST KIT</u>	
5106.00		312      450
	<u>AVIAN ENCEPHALOMYELITIS VIRUS ANTIBODY TEST KIT</u>	
5006.00		312      313      450
	<u>AVIAN INFLUENZA VIRUS ANTIBODY TEST KIT</u>	
5004.00		312      313
	<u>AVIAN LEUKOSIS VIRUS ANTIBODY TEST KIT</u>	
5007.01		313
5007.02	SUBGROUP J	313
	<u>AVIAN LEUKOSIS VIRUS ANTIGEN TEST KIT</u>	
5007.00		312      313      450
	<u>AVIAN REOVIRUS ANTIBODY TEST KIT</u>	
5008.00		312      313      450

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>BLUETONGUE VIRUS ANTIBODY TEST KIT</u>					
5010.00		332	336		
5010.10	COMPLEMENT FIXATION TEST		336		
5010.20	CELISA	332	336	386	
<u>BORDETELLA AVIUM ANTIBODY TEST KIT</u>					
5015.00		312			
<u>BOVINE CORONAVIRUS ANTIGEN TEST KIT</u>					
5C05.00		354			
<u>BOVINE LEUKEMIA VIRUS ANTIBODY TEST KIT</u>					
5505.20		313	327	332	336
5505.21		312			
<u>BOVINE RHINOTRACHEITIS VIRUS ANTIBODY TEST KIT</u>					
5A09.00		313			
<u>BOVINE SPONGIFORM ENCEPHALOPATHY ANTIGEN TEST KIT</u>					
5430.20	ELISA	460B	624		
5430.21	EIA		313		
5430.70	WESTERN BLOT		626A		
<u>BOVINE VIRUS DIARRHEA ANTIGEN TEST KIT</u>					
5A05.01		354			
<u>BRUCELLA ABORTUS ANTIBODY TEST KIT</u>					
5013.00		312	313		
5013.01			313		
5013.02			313		

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
5013.30		320
	<u>CANINE BORRELIA BURGDORFERI ANTIBODY TEST KIT</u>	
5017.00		312
	<u>CANINE BORRELIA BURGDORFERI-EHRLICHIA CANIS-RICKETTSIA RICKETTSII ANTIBODY TEST KIT</u>	
5019.00		477
	<u>CANINE BRUCELLOSIS ANTIBODY TEST KIT</u>	
5021.00		312
	<u>CANINE DISTEMPER-PARVOVIRUS ANTIBODY TEST KIT</u>	
53P1.00		312
	<u>CANINE DISTEMPER VIRUS ANTIBODY TEST KIT</u>	
5020.00		299
	<u>CANINE HEARTWORM ANTIGEN-BORRELIA BURGDORFERI-EHRLICHIA CANIS ANTIBODY TEST KIT</u>	
5E20.00		313
5E20.01		313
	<u>CANINE HEARTWORM ANTIGEN TEST KIT</u>	
5018.00		213    312    312A    373    460
5018.01		213    312A    330    338
5018.02		213    312    313
5018.03		213    312    313
5018.05		312

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
<u>CANINE PARVOVIRUS ANTIGEN TEST KIT</u>			
5024.00	BLOT TEST	297	460A
5024.01		312A	313
5024.02		312	313
5024.03		313	
5024.50	BLOT TEST	610	
<u>CANINE RHEUMATOID FACTOR ANTIGEN TEST KIT</u>			
5012.00		312	
<u>CAPRINE ARTHRITIS-ENCEPHALITIS-OVINE PROGRESSIVE PNEUMONIA VIRUS ANTIBODY TEST KIT</u>			
5140.00		336	
<u>CAPRINE ARTHRITIS-ENCEPHALITIS VIRUS ANTIBODY TEST KIT</u>			
5139.20	CELISA	332	
<u>CHICKEN ANEMIA VIRUS ANTIBODY TEST KIT</u>			
50C1.00		313	
<u>CHRONIC WASTING DISEASE ANTIGEN TEST KIT</u>			
5420.20	ELISA	624	
5420.21	EIA	313	
5420.50	DOT BLOT ELISA	332	
5420.51		632	
<u>EHRLICHIA CANIS ANTIBODY TEST KIT</u>			
5037.00		329	

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
<u>EPIZOOTIC HEMORRHAGIC DISEASE VIRUS ANTIBODY TEST KIT</u>				
5A27.00		336		
<u>EQUINE INFECTIOUS ANEMIA VIRUS ANTIBODY TEST KIT</u>				
5515.00	ELISA	312	313	320
5515.01		320		
5515.21		312	332	
5515.22		313		
<u>ESCHERICHIA COLI ANTIGEN TEST KIT</u>				
5032.00		332		
<u>FELINE HEARTWORM ANTIBODY TEST KIT</u>				
5F18.00		213	312	
5F18.01		312A		
<u>FELINE HEARTWORM ANTIGEN TEST KIT</u>				
5F20.00		313		
<u>FELINE IMMUNODEFICIENCY VIRUS ANTIBODY TEST KIT</u>				
5036.00		313		
<u>FELINE IMMUNODEFICIENCY VIRUS ANTIGEN TEST KIT</u>				
5038.00		313		
<u>FELINE INFECTIOUS PERITONITIS VIRUS ANTIBODY TEST KIT</u>				
5029.00		312	313	
5029.01		299	313	

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>FELINE LEUKEMIA VIRUS ANTIBODY TEST KIT</u>		
5026.00		299
<u>FELINE LEUKEMIA VIRUS ANTIGEN-FELINE IMMUNODEFICIENCY VIRUS ANTIBODY TEST KIT</u>		
502A.02		313
<u>FELINE LEUKEMIA VIRUS ANTIGEN TEST KIT</u>		
5028.00		312    312A    338    460A
5028.01		312    313
5028.02		312
5028.03		313
<u>FOOT AND MOUTH DISEASE ANTIBODY TEST KIT</u>		
5FM0.01		620
<u>FOWL LARYNGOTRACHEITIS VIRUS ANTIBODY TEST KIT</u>		
5601.00		312
<u>GIARDIA ANTIGEN TEST KIT</u>		
5G05.50		313
<u>HEMORRHAGIC ENTERITIS VIRUS ANTIBODY TEST KIT</u>		
57E1.00		312
<u>INFECTIOUS BRONCHITIS VIRUS ANTIBODY TEST KIT</u>		
5030.00		312    313    450
<u>INFECTIOUS BURSAL DISEASE VIRUS ANTIBODY TEST KIT</u>		
5040.00		312    313    450
5040.01		312    313

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>MINUTE VIRUS OF MICE ANTIBODY TEST KIT</u>	
5060.00		112
	<u>MOUSE HEPATITIS VIRUS ANTIBODY TEST KIT</u>	
5061.00		299
	<u>MYCOBACTERIUM BOVIS GAMMA INTERFERON TEST KIT</u>	
5A64.00	FOR CATTLE	189A 462A
	<u>MYCOBACTERIUM PARATUBERCULOSIS ANTIBODY TEST KIT</u>	
5064.00		189A 312 327 462A
5064.01		313 327
	<u>MYCOBACTERIUM PARATUBERCULOSIS DNA TEST KIT</u>	
5066.00		313
	<u>MYCOBACTERIUM TUBERCULOSIS GAMMA INTERFERON TEST KIT</u>	
	<u>FOR NON-HUMAN PRIMATES</u>	
5A64.20		189* 462*
	<u>MYCOPLASMA GALLISEPTICUM ANTIBODY TEST KIT</u>	
5070.00		312 313 450
5070.01		312
	<u>MYCOPLASMA GALLISEPTICUM ANTIGEN</u>	
5071.00	S-6 SEROTYPE, PLATE	196 286
5071.01	S-6 SEROTYPE, PLATE	286A
	<u>MYCOPLASMA GALLISEPTICUM DNA TEST KIT</u>	
5A70.00		313

\* CONDITIONAL LICENSE

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>MYCOPLASMA GALLISEPTICUM-SYNOVIAE ANTIBODY TEST KIT</u>	
5074.00		305    312    313
	<u>MYCOPLASMA HYOPNEUMONIAE ANTIBODY TEST KIT</u>	
5075.00		313
	<u>MYCOPLASMA MELEAGRIDIS ANTIBODY TEST KIT</u>	
5172.00		312    313
	<u>MYCOPLASMA MELEAGRIDIS ANTIGEN</u>	
5072.00	H SEROTYPE, PLATE	286
	<u>MYCOPLASMA PULMONIS ANTIBODY TEST KIT</u>	
5065.00		299
5065.01		299
	<u>MYCOPLASMA PULMONIS-RODENT CORONAVIRUS-SENDAI VIRUS ANTIBODY TEST KIT</u>	
54D0.00		344A
	<u>MYCOPLASMA SYNOVIAE ANTIBODY TEST KIT</u>	
5173.00		312    313    450
5173.01		312
	<u>MYCOPLASMA SYNOVIAE ANTIGEN</u>	
5073.00	S-SEROTYPE, PLATE	286
5073.01	S-SEROTYPE, PLATE	286A
	<u>MYCOPLASMA SYNOVIAE DNA TEST KIT</u>	
5A76.00		313

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
<u>NEWCASTLE DISEASE VIRUS ANTIBODY TEST KIT</u>				
5080.00		312	313	450
5080.01		312	313	
<u>NEWCASTLE-BRONCHITIS VIRUS ANTIBODY TEST KIT</u>				
5081.00		305		
<u>NEWCASTLE-BURSAL DISEASE VIRUS ANTIBODY TEST KIT</u>				
5082.00		305		
<u>NEOSPORA CANINUM ANTIBODY TEST KIT</u>				
5N05.00		313		
5N05.20	CELISA	332		
<u>PASTEURELLA MULTOCIDA ANTIBODY TEST KIT</u>				
5130.00	AVIAN ISOLATES	312	313	
5130.01		312	313	
<u>PNEUMONIA VIRUS OF MICE ANTIBODY TEST KIT</u>				
5090.00		299		
5090.01		299		
<u>PORCINE REPRODUCTIVE &amp; RESPIRATORY SYNDROME VIRUS ANTIBODY TEST KIT</u>				
59S5.00		313		
59S5.01		313		
<u>PSEUDORABIES VIRUS ANTIBODY TEST KIT</u>				
5110.00		320		
5110.01		313	320	
5110.02		313		

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
5110.03		313
<u>PSEUDORABIES VIRUS gpI ANTIBODY TEST KIT</u>		
5113.00		313
5113.01		313
5113.02		313
<u>PULLORUM ANTIGEN</u>		
5206.00	STAINED ANTIGEN K POLYVALENT	112
5207.00	STAINED ANTIGEN POLYVALENT	196
<u>RAT CORONAVIRUS SIALODACRYOADENITIS VIRUS ANTIBODY TEST KIT</u>		
5240.00		299
<u>RENIBACTERIUM SALMONINARUM ANTIGEN TEST KIT</u>		
5800.00		386
5800.01		386
<u>RETICULOENDOTHELIOSIS VIRUS ANTIBODY TEST KIT</u>		
5265.00		313
<u>SALMONELLA ENTERITIDIS ANTIBODY TEST KIT</u>		
5SE5.00		313
<u>SENDAI VIRUS ANTIBODY TEST KIT</u>		
5280.00		299
5280.01		299
<u>STAPHYLOCOCCUS AUREUS ANTIBODY TEST KIT</u>		
5850.00		332

## DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>SWINE INFLUENZA VIRUS ANTIBODY TEST KIT</u>	
59A5.00	H1N1	313
	<u>TUBERCULIN</u>	
5301.00	MAMMALIAN, HUMAN ISOLATES, INTRADERMIC	188
5302.00	PPD BOVIS, INTRADERMIC	188
	<u>TOXOPLASMA GONDII ANTIBODY TEST KIT</u>	
5285.00		299
	<u>TRICHINELLA SPIRALIS ANTIBODY TEST KIT</u>	
5350.00		325      430

## ANTITOXINS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ANTIVENIN</u>	
6101.00	(CROTALIDAE) POLYVALENT	112
	<u>CLOSTRIDIUM BOTULINUM TYPE B ANTITOXIN</u>	
6400.00	EQUINE ORIGIN	360
	<u>CLOSTRIDIUM PERFRINGENS TYPE C ANTITOXIN</u>	
6211.00	EQUINE ORIGIN	188 303
6211.01	EQUINE ORIGIN	303
	<u>CLOSTRIDIUM PERFRINGENS TYPE C ANTITOXIN-ESCHERICHIA COLI ANTIBODY</u>	
6212.01	EQUINE ORIGIN	303
	<u>CLOSTRIDIUM PERFRINGENS TYPE C ANTITOXIN-ESCHERICHIA COLI ANTISERUM</u>	
6212.02		303
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D ANTITOXIN</u>	
6221.00	EQUINE ORIGIN	124 188 303
	<u>CLOSTRIDIUM PERFRINGENS TYPE D ANTITOXIN</u>	
6201.00		188
	<u>TETANUS ANTITOXIN</u>	
6302.00		112 188 286 303
6302.01	EQUINE ORIGIN	112

## BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
<u>BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM PERFRINGENS TYPE C- ERYSIPEROLOTHRIX RHUSIOPATHIAE-ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>				
7052.00		124	286	
7052.01		286		
7150.00		303		
7150.01		286		
<u>BORDETELLA BRONCHISEPTICA-ERYSIPEROLOTHRIX RHUSIOPATHIAE- ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>				
7159.00		286		
7159.01		286		
<u>BORDETELLA BRONCHISEPTICA-ERYSIPEROLOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PARASUIS-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>				
7045.00		124	165A	
<u>BORDETELLA BRONCHISEPTICA-ERYSIPEROLOTHRIX RHUSIOPATHIAE-MYCOPLASMA HYOPNEUMONIAE-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>				
7154.00		286		
<u>BORDETELLA BRONCHISEPTICA-ERYSIPEROLOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>				
7054.00		124	189	286
7054.01		112	286	303
7054.02		286		
7055.00		165A	286	
<u>BORDETELLA BRONCHISEPTICA-ERYSIPEROLOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA-STREPTOCOCCUS SUIS BACTERIN-TOXOID</u>				
7156.00		286		

## BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
<u>BORDETELLA BRONCHISEPTICA-MYCOPLASMA HYOPNEUMONIAE-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>				
7085.00		286		
<u>BORDETELLA BRONCHISEPTICA-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>				
7060.00		124	189	286
7060.01		112	124	286
7080.00		286		
<u>CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>				
7010.00		245		
7010.02		245		
<u>CLOSTRIDIUM BOTULINUM TYPE C-PSEUDOMONAS AERUGINOSA BACTERIN-TOXOID</u>				
7020.00		245		
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII BACTERIN-TOXOID</u>				
7070.00		286		
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS-HAEMOPHILUS SOMNUS BACTERIN-TOXOID</u>				
7B23.00	TYPES C&D	286		
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>				
7160.00		124	189	286
7160.01		124	189	286
7160.02		189		

## BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D-MANNHEIMIA HAEMOLYTICA BACTERIN-TOXOID</u>				
7460.00		189		
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-HAEMOLYTICUM-NOVYI-TETANI-PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>				
7280.00		311		
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-NOVYI BACTERIN-TOXOID</u>				
7330.00		188	286	
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-NOVYI-SORDELLII BACTERIN-TOXOID</u>				
7390.00		188	286	
7390.01		286		
7390.02		286		
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-NOVYI-SORDELLII-HAEMOPHILUS SOMNUS BACTERIN-TOXOID</u>				
7400.00		286		
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-NOVYI-SORDELLII-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>				
7448.00		286		
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>				
7410.00		124	189	286
7410.01		124	189	286
7410.02		124	189	286
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D-HAEMOPHILUS SOMNUS BACTERIN-TOXOID</u>				
7423.00		124	189	286

## BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D-MANNHEIMIA HAEMOLYTICA BACTERIN-TOXOID</u>		
7430.00		189
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D-MORAXELLA BOVIS BACTERIN-TOXOID</u>		
7425.00		286
7425.01		124
7425.02		124 165A
<u>CLOSTRIDIUM PERFRINGENS TYPE C BACTERIN-TOXOID</u>		
7800.00		213 286 303
<u>CLOSTRIDIUM PERFRINGENS TYPE C-ERYSIPLOTHRIX RHUSIOPATHIAE-ESCHERICHIA COLI BACTERIN-TOXOID</u>		
7874.00		124
<u>CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI BACTERIN-TOXOID</u>		
7890.00		124 165A 189 213 286 303
7890.01		286 303
<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>		
7870.00		189 213 286 303
7870.01		189 286
7870.02		189
<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D-TETANI BACTERIN-TOXOID</u>		
7885.00		286
<u>CLOSTRIDIUM PERFRINGENS TYPE D BACTERIN-TOXOID</u>		
7840.00		213 286 303

## BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM TETANI-PERFRINGENS TYPE D-CORYNEBACTERIUM</u>	
	<u>PSEUDOTUBERCULOSIS BACTERIN-TOXOID</u>	
7894.00		188
	<u>CORYNEBACTERIUM PSEUDOTUBERCULOSIS BACTERIN-TOXOID</u>	
7A94.00		188
	<u>ESCHERICHIA COLI BACTERIN-TOXOID</u>	
7850.00		298
7900.R0		189
	<u>ESCHERICHIA COLI-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN-TOXOID</u>	
7851.00		298
	<u>HAEMOPHILUS SOMNUS-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
7895.00		290
	<u>HAEMOPHILUS SOMNUS-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM BACTERIN-TOXOID</u>	
79A5.00		290
79A5.01		290
	<u>MANNHEIMIA HAEMOLYTICA BACTERIN-TOXOID</u>	
7905.00		189 290 315
7905.01		315
	<u>MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
7935.00		124 315
7935.01		315

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA-SALMONELLA DUBLIN-TYPHIMURIUM BACTERIN-TOXOID</u>	
7916.00		315
	<u>MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM BACTERIN-TOXOID</u>	
7926.00		290
	<u>PASTEURELLA MULTOCIDA BACTERIAL EXTRACT-MANNHEIMIA HAEMOLYTICA TOXOID</u>	
7945.00		112
	<u>SALMONELLA TYPHIMURIUM BACTERIN-TOXOID</u>	
7910.00		345
7910.01		345

## TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CLOSTRIDIUM BOTULINUM TYPE B TOXOID</u>		
8010.00		302    308
<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>		
8101.00		112    188
<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D TOXOID</u>		
8201.00		188    303    311
8201.01		124
8201.02		124
8201.03		124
<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D-TETANUS TOXOID</u>		
8304.00		124    188
<u>CLOSTRIDIUM PERFRINGENS TYPE D TOXOID</u>		
8301.00		188    311
<u>CLOSTRIDIUM PERFRINGENS TYPE D-TETANUS TOXOID</u>		
8305.00		188
<u>MANNHEIMIA HAEMOLYTICA TOXOID</u>		
8699.00		112
8699.01		112
<u>TETANUS TOXOID</u>		
8601.00		124    188    286    303    308
8601.01		112
8601.02		112
8601.03		112

## MISCELLANEOUS PRODUCTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>ACEMANNAN IMMUNOSTIMULANT</u>						
9320.00					384	
<u>ALLERGENIC EXTRACT</u>						
9521.00	HOUSE DUST	259	294	359		
9522.01	MIXED RAGWEED	259	294	359		
9522.02	MIXED TREES	259	294	359		
9522.03	MIXED GRASSES	259	294	359		
9522.04	MIXED WEEDS	259	294	359		
9523.00	MIXED MOLDS	259	294	359		
9524.00	MIXED INHALANTS	259	294	359		
9525.00	FLEA ANTIGEN	259	294	359		
9527.00	MIXED EPIDERMALS	259	294	359		
9528.00	MIXED INSECTS	259	294	359		
9529.00	MIXED FOODS	294				
9531.00	PRESCRIPTION PRODUCT	259	294	321	359	403
		416	622			
9532.00	INTRADERMAL TEST KIT	259				
9533.00	TREATMENT SETS	259				
9540.00	PYTHIUM INSIDIOSUM	359				
95A1.00	MIXED MITES	359				
95B1.00	HUMAN HAIR	359				
<u>BACTERIAL IMMUNOMODULATOR</u>						
9200.00	KILLED BACTERIA		606*			
<u>CANINE GONADOTROPIN RELEASING FACTOR IMMUNOTHERAPEUTIC</u>						
9220.00			189*	462*		

\* CONDITIONAL LICENSE

## MISCELLANEOUS PRODUCTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CAPRINE SERUM FRACTION</u>	
9360.00	IMMUNOMODULATOR	188
	<u>FLEA ANTIGEN</u>	
9511.00	DESENSITIZING	286
	<u>MYCOBACTERIUM CELL WALL FRACTION IMMUNOSTIMULANT</u>	
9300:00		289
9300.02		289
	<u>MYCOBACTERIUM CELL WALL IMMUNOSTIMULANT</u>	
9300.01		289
	<u>PARAPOX OVIS VIRUS IMMUNOMODULATOR</u>	
9330.00		52B
	<u>PROPIONIBACTERIUM ACNES IMMUNOSTIMULANT</u>	
9350.00		302
	<u>RUBEOLA VIRUS IMMUNOMODULATOR</u>	
9400.00		385*
	<u>STAPHYLOCOCCUS AUREUS PHAGE LYSATE</u>	
9355.00		339

\* CONDITIONAL LICENSE

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>ANAPLASMOSIS VACCINE</u>		
A005.50	KILLED	329
<u>ANTHRAX SPORE</u>		
A01C.00	LIVE CULTURE	286
<u>AVIAN ENCEPHALOMYELITIS VIRUS</u>		
A051.10	LIVE VIRUS	196
<u>AVIAN PARAMYXOVIRUS</u>		
A0C5.10	TYPE 3, LIVE VIRUS	196
<u>AVIAN REOVIRUS</u>		
A045.02	KILLED VIRUS	196
<u>AVIAN REOVIRUS INACTIVATED BULK FLUIDS</u>		
A045.00		286
A045.01		286
<u>BORDETELLA AVIUM</u>		
A021.00	AVIRULENT LIVE CULTURE	165A
A021.01	AVIRULENT LIVE CULTURE	165A
<u>BORRELIA BURGDORFERI ANTIGEN</u>		
A026.R0		287
<u>BOVINE CORONAVIRUS</u>		
A931.26	MODIFIED LIVE VIRUS	189
<u>BOVINE PARAINFLUENZA 3 VIRUS</u>		
A841.20	MODIFIED LIVE VIRUS	189

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
A841.22	MODIFIED LIVE VIRUS	189
<u>BOVINE RESPIRATORY SYNCYTIAL VACCINE</u>		
A091.20	MODIFIED LIVE VIRUS	189 213
<u>BOVINE RESPIRATORY SYNCYTIAL VIRUS</u>		
A091.22	MODIFIED LIVE VIRUS	189
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
A181.20	MODIFIED LIVE VIRUS	213
A181.30	MODIFIED LIVE VIRUS	213
<u>BOVINE RHINOTRACHEITIS VIRUS</u>		
A101.20	MODIFIED LIVE VIRUS	189 213
A101.23	MODIFIED LIVE VIRUS	189
A105.21	KILLED VIRUS	189
<u>BOVINE ROTAVIRUS</u>		
A931.2R	MODIFIED LIVE VIRUS	189
<u>BOVINE VIRUS DIARRHEA VIRUS</u>		
A201.20	MODIFIED LIVE VIRUS	213
A201.21	MODIFIED LIVE VIRUS	189
A205.20	KILLED VIRUS	189
A205.21	KILLED VIRUS	189
A205.22	KILLED VIRUS	189
A205.23	KILLED VIRUS	189

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
<u>BRONCHITIS VACCINE</u>				
A235.17	MASS & ARK TYPES, KILLED VIRUS	196		
<u>BRONCHITIS VIRUS</u>				
A231.11	MASS TYPE, LIVE VIRUS	279		
A231.12	MASS TYPE, LIVE VIRUS	196	279	
A235.10	MASS TYPE, KILLED VIRUS	286	368	
A235.15	MASS & ARK TYPES, KILLED VIRUS	196		
A235.16	MASS TYPE, KILLED VIRUS	196		
<u>BURSAL DISEASE VACCINE</u>				
A271.13	LIVE VIRUS	286		
A271.14	LIVE VIRUS	286		
<u>BURSAL DISEASE VIRUS</u>				
A271.00	LIVE VIRUS	165A	279	344
A271.01	LIVE VIRUS	279		
A271.12	LIVE VIRUS	279	286	
A271.21	LIVE VIRUS	165A		
A275.00	KILLED VIRUS	286		
A275.10	KILLED VIRUS	196		
A275.11	KILLED VIRUS	286		
A2B1.00	LIVE VIRUS, VARIANT	279		
A2B1.01	LIVE VIRUS, VARIANT	279		
A2B1.4A	LIVE VIRUS	344		
A2B5.40	STANDARD & VARIANT, KILLED VIRUS	196		
A2B9.40	LIVE VARIANT	344	415	
A2B9.42	LIVE VARIANT	415		

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
A3B1.00	LIVE VIRUS	415
<u>BOVINE VIRUS DIARRHEA VIRUS</u>		
A205.24	KILLED VIRUS	189
<u>CANINE ADENOVIRUS TYPE 2</u>		
A2T1.20	MODIFIED LIVE VIRUS	286
A2T1.21	MODIFIED LIVE VIRUS, FOR FURTHER MANUFACTURE	286
A341.21	MODIFIED LIVE VIRUS	189
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
A3D1.21	MODIFIED LIVE VIRUS	286
<u>CANINE DISTEMPER VIRUS</u>		
A301.20	MODIFIED LIVE VIRUS	189 286
<u>CANINE PARAINFLUENZA</u>		
A421.20	MODIFIED LIVE VIRUS	189 286
<u>CANINE PARAINFLUENZA-BORDETELLA BRONCHISEPTICA VACCINE</u>		
A4M1.20	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	213
<u>CANINE PARVOVIRUS ANTISERUM</u>		
A8M0.00	RABBIT ORIGIN	398
<u>CHLAMYDIA PSITTACI</u>		
A581.20	MODIFIED LIVE CHLAMYDIA	189 286
<u>ENCEPHALOMYELITIS VIRUS</u>		
A485.00	VENEZUELAN, KILLED VIRUS	188

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
<u>FELINE CALICIVIRUS</u>			
A5C1.20	MODIFIED LIVE VIRUS	189	286
<u>FELINE INFECTIOUS PERITONITIS VIRUS</u>			
A5A1.20	MODIFIED LIVE VIRUS	189	
<u>FELINE LEUKEMIA VACCINE</u>			
A555.21	KILLED VIRUS	189	286
<u>FELINE LEUKEMIA VIRUS</u>			
A555.20	KILLED VIRUS	286	
<u>FELINE LEUKEMIA VIRUS ANTIGEN</u>			
A555.R0		317	
A555.R1		317	
<u>FELINE PANLEUKOPENIA VIRUS</u>			
A561.22	MODIFIED LIVE VIRUS	189	
<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-CHLAMYDIA PSITTACI VACCINE</u>			
A6E8.20	MODIFIED LIVE VIRUS & CHLAMYDIA	298	
<u>FELINE RHINOTRACHEITIS VIRUS</u>			
A6A1.20	MODIFIED LIVE VIRUS	189	286
<u>FOWL LARYNGOTRACHEITIS</u>			
A601.11	MODIFIED LIVE VIRUS	279	
<u>FOWL LARYNGOTRACHEITIS VIRUS</u>			
A601.01	MODIFIED LIVE VIRUS	165A	

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>FOWL POX VIRUS</u>		
A621.10	LIVE VIRUS	279
<u>MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA VACCINE</u>		
A861.00	AVIRULENT LIVE CULTURE	286
<u>MAREK'S DISEASE VIRUS</u>		
A631.00	SEROTYPE 2,LIVE VIRUS	279
A641.00	SEROTYPE 3,LIVE VIRUS	279
A641.01	SEROTYPE 3,LIVE VIRUS	279
A651.01	SEROTYPES 2 & 3,LIVE VIRUS	279
A6L1.00	SEROTYPE 1,LIVE VIRUS	279
<u>MINK ENTERITIS VIRUS</u>		
A685.20	KILLED VIRUS	213
A685.21	KILLED VIRUS	213
<u>NEWCASTLE DISEASE VIRUS</u>		
A705.10	B1 TYPE,LASOTA STRAIN,KILLED VIRUS	286 368
A705.11	B1 TYPE,LASOTA STRAIN,KILLED VIRUS	196
A711.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	279
A711.11	B1 TYPE,B1 STRAIN,LIVE VIRUS	196 279
A721.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	196 279
A721.11	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	279
<u>NEWCASTLE-BRONCHITIS VACCINE</u>		
A785.10	MASS & ARK TYPES,KILLED VIRUS	196

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>OVINE ECTHYMA VACCINE</u>		
A821.50	LIVE VIRUS	213
<u>OVINE ECTHYMA VIRUS</u>		
AA11.00	LIVE VIRUS	286
<u>PARVOVIRUS VACCINE</u>		
A8M1.20	MODIFIED LIVE VIRUS	286 292
A8M1.21	MODIFIED LIVE VIRUS	189
A8M1.23	MODIFIED LIVE VIRUS	189
A8P5.01	KILLED VIRUS	112
A8P5.21	KILLED VIRUS	112
<u>PASTEURELLA MULTOCIDA</u>		
A871.01	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	368
<u>PORCINE ROTAVIRUS-TRANSMISSIBLE GASTROENTERITIS VACCINE</u>		
A9H1.20	MODIFIED LIVE VIRUS	286
<u>PSEUDORABIES VACCINE</u>		
A895.R0	KILLED VIRUS	286
<u>PSEUDORABIES VIRUS</u>		
A895.20	KILLED VIRUS	189
<u>RABIES VACCINE</u>		
A901.R0	LIVE VIRUS, VACCINIA VECTOR	298
<u>RABIES VIRUS</u>		
A905.20	KILLED VIRUS	286 298

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
A905.51	KILLED VIRUS	421
A905.52	KILLED VIRUS	421
<u>RUBEOLA VIRUS</u>		
A661.00		3
<u>SALMONELLA CHOLERAESUIS</u>		
A9A1.00	AVIRULENT LIVE CULTURE	124
<u>SWINE INFLUENZA VIRUS</u>		
A9A6.10	H1N1, LIVE VIRUS	196
<u>TENOSYNOVITIS VACCINE</u>		
A951.01	MODIFIED LIVE VIRUS	286
<u>TENOSYNOVITIS VIRUS</u>		
A951.02	MODIFIED LIVE VIRUS	286
A951.10	LIVE VIRUS	286
<u>TRANSMISSIBLE GASTROENTERITIS VACCINE</u>		
A961.00	MODIFIED LIVE VIRUS	213
<u>ACTINOBACILLUS PLEUROPNEUMONIAE</u>		
B657.00	KILLED CULTURE	112 301
B657.01		301
<u>AUTOGENOUS KILLED CULTURE</u>		
B051.00		455

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPEROLOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
B101.00		286
	<u>BORDETELLA BRONCHISEPTICA-PASTEURELLA MULTOCIDA</u>	
B109.00		286
	<u>CAMPYLOBACTER FETUS BACTERIN</u>	
B862.00	KILLED CULTURE	286
	<u>CLOSTRIDIUM CHAUVEI</u>	
B250.00	KILLED CULTURE	311
	<u>EDWARDSIELLA ICTALURI BACTERIN</u>	
B637.00		335 406
	<u>EHRLICHIA RISTICII BACTERIN</u>	
B639.00	KILLED CULTURE	298 329
B639.01	KILLED CULTURE	329
	<u>ERYSIPEROLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
B642.00		303
	<u>ESCHERICHIA COLI BACTERIN</u>	
B648.00		357
B648.04	KILLED CULTURE	189
B648.53		303
	<u>HAEMOPHILUS PARAGALLINARUM</u>	
B658.00	KILLED CULTURE	286

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>LEPTOSPIRA CANICOLA</u>		
B661.00	KILLED CULTURE	189 286 298
<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO - ICTEROHAEMORRHAGIAE - POMONA BACTERIN</u>		
B665.00	KILLED CULTURE	213
B665.01	KILLED CULTURE	213
<u>LEPTOSPIRA GRIPPOTYPHOSA</u>		
B675.00	KILLED CULTURE	298
<u>LEPTOSPIRA HARDJO BACTERIN</u>		
B6M7.00		298
B6M7.01		189 189A 462 462A
<u>LEPTOSPIRA ICTEROHAEMORRHAGIAE</u>		
B66A.00	KILLED CULTURE	189 286 298
<u>LEPTOSPIRA POMONA</u>		
B691.00	KILLED CULTURE	298
<u>MORAXELLA BOVIS</u>		
B772.00	BACTERIN	355
B772.01	KILLED CULTURE	189 355
<u>MYCOPLASMA HYOPNEUMONIAE BACTERIN</u>		
B775.00		112 189 286 329
B775.01	KILLED CULTURE	298
B775.02	KILLED CULTURE	286
B775.03		329

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
B775.06	KILLED CULTURE	329
<u>PASTEURELLA MULTOCIDA BACTERIN</u>		
B702.13	AVIAN ISOLATES, TYPES 1, 3 & 4	196
<u>PSEUDOMONAS AERUGINOSA</u>		
B735.00	KILLED CULTURE	213
B735.01	KILLED CULTURE	213
B735.02	KILLED CULTURE	213
B735.03	KILLED CULTURE	213
B735.04	KILLED CULTURE	213
B735.05	KILLED CULTURE	213
B735.06	KILLED CULTURE	213
<u>SALMONELLA ENTERITIDIS</u>		
B785.00	KILLED CULTURE	196
B785.01		196
<u>ARCANOBACTERIUM PYOGENES-ESCHERICHIA COLI-MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTIBODY</u>		
C391.00	BOVINE ORIGIN	188
<u>BOVINE CORONAVIRUS-ESCHERICHIA COLI ANTIBODY</u>		
C6B5.00	BOVINE ORIGIN	409
<u>BOVINE IgG</u>		
C606.00		396    400    404A
<u>BURSAL DISEASE ANTIBODY</u>		
C205.00	CHICKEN ORIGIN	344

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>EQUINE IgG</u>	
C607.00		328    366    621
	<u>ESCHERICHIA COLI ANTIBODY</u>	
C526.00	BOVINE ORIGIN	361
	<u>MYCOPLASMA PULMONIS-RODENT CORONAVIRUS-SENDAI VIRUS ANTIBODY TEST KIT</u>	
C4D0.00		344
	<u>NEWCASTLE DISEASE VIRUS ANTIBODY</u>	
C710.00	CHICKEN ORIGIN	344
	<u>ENCEPHALOMYELITIS-INFLUENZA VACCINE-TETANUS TOXOID</u>	
D835.43	EASTERN & WESTERN, KILLED VIRUS	286
D835.44	EASTERN & WESTERN, KILLED VIRUS	286
	<u>PARVOVIRUS VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA BRATISLAVA-CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
DBC5.20	KILLED VIRUS	189
	<u>PARVOVIRUS VACCINE-ERYSIPEROLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
D8C5.20	KILLED VIRUS	189    303
D8C5.21	KILLED VIRUS	303
	<u>RABIES VACCINE-EHRLICHIA RISTICII BACTERIN</u>	
D905.20	KILLED VIRUS	298
	<u>ALEUTIAN DISEASE VIRUS COUNTERELECTROPHORESIS ANTIGEN</u>	
E001.20		213

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>AVIAN INFLUENZA VIRUS</u>		
E004.00	H7 SUBTYPE, LIVE VIRUS	196 313
<u>AVIAN REOVIRUS</u>		
E041.00	LIVE VIRUS	196
<u>BRONCHITIS VIRUS</u>		
E231.11	MASS TYPE, LIVE VIRUS	196
E235.11	KILLED VIRUS	196
<u>BRUCELLA ABORTUS</u>		
E013.02	KILLED CULTURE	188
<u>BURSAL DISEASE VIRUS</u>		
E040.00	LIVE VIRUS	344
E271.10	LIVE VIRUS	196
E275.10	KILLED VIRUS	196
<u>CANINE BORRELIA BURGDORFERI ANTIBODY TEST MODULES</u>		
E017.00		382
<u>CANINE HEARTWORM ANTIGEN TEST KIT</u>		
E018.00		213 346 445
E018.01		445
E018.05		312C 430
<u>CANINE HEARTWORM ANTIGEN TEST KIT-HEARTWORM STRIP</u>		
E018.04		373

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CANINE HEARTWORM ANTISERUM</u>	
E019.00	RABBIT ORIGIN	312    361    398
	<u>CANINE HEARTWORM MONOCLONAL ANTIBODY</u>	
E118.00		312
	<u>CANINE PARVOVIRUS ANTIBODY</u>	
E024.01		312
	<u>CANINE PARVOVIRUS ANTIGEN TEST KIT</u>	
E024.03		313    607
	<u>EQUINE INFECTIOUS ANEMIA VIRUS ANTIBODY TEST KIT</u>	
E515.21		332
	<u>FELINE HEARTWORM ANTIBODY TEST KIT</u>	
EF18.00		213    445
	<u>FELINE LEUKEMIA VIRUS ANTISERUM</u>	
E026.00	RABBIT ORIGIN	361    398
E028.01		312
	<u>FELINE LEUKEMIA VIRUS MONOCLONAL ANTIBODY</u>	
E028.00		312
	<u>GIARDIA ANTIGEN TEST KIT</u>	
EG05.50		313    607
	<u>MYCOBACTERIUM BOVIS GAMMA INTERFERON TEST KIT</u>	
EA64.10	FOR CERVIDS	189A    462A

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>MYCOPLASMA MELEAGRIDIS</u>		
E172.00	LIVE CULTURE	196 313
<u>NEWCASTLE DISEASE VIRUS</u>		
E711.10	B1 TYPE, B1 STRAIN, LIVE VIRUS	196
E721.10	B1 TYPE, LASOTA STRAIN, LIVE VIRUS	196
<u>NEWCASTLE VIRUS</u>		
E725.10	B1 TYPE, LASOTA STRAIN, KILLED VIRUS	196
<u>SWINE INFLUENZA VIRUS</u>		
E9A5.00	H1N1, LIVE VIRUS	313
<u>TETANUS ANTITOXIN</u>		
F302.00	EQUINE ORIGIN	188
<u>BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM PERFRINGENS TYPE C- ERYSIPELOTHRIX RHUSIOPATHIAE-ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>		
G052.00		303
<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>		
G054.00		124
G054.01		286
<u>BORDETELLA BRONCHISEPTICA-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>		
G060.01		286
<u>CLOSTRIDIUM BOTULINUM TYPE C</u>		
G010.00	KILLED CULTURE	213

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>		
G160.00		286
<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>		
G410.00		286
<u>CLOSTRIDIUM NOVYI</u>		
G680.00	KILLED CULTURE	311
<u>CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI BACTERIN-TOXOID</u>		
G890.00		303
<u>MANNHEIMIA HAEMOLYTICA BACTERIN-TOXOID</u>		
G905.00		189
<u>MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>		
G935.00		315
<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>		
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<u>CLOSTRIDIUM PERFRINGENS TYPE D TOXOID</u>		
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<u>CLOSTRIDIUM SEPTICUM TOXOID</u>		
H340.00		311
<u>CLOSTRIDIUM SORDELLII TOXOID</u>		
H360.00		311

## PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>TETANUS TOXOID</u>	
H601.00	KILLED CULTURE	124
H601.02		112E
	<u>CANINE GONADOTROPIN RELEASING FACTOR IMMUNOTHERAPEUTIC</u>	
I220.00		189A 462A
	<u>MYCOBACTERIUM CELL WALL FRACTION</u>	
I300.00		289
	<u>RUBEOLA VIRUS IMMUNOMODULATOR</u>	
I400.00		213 385

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